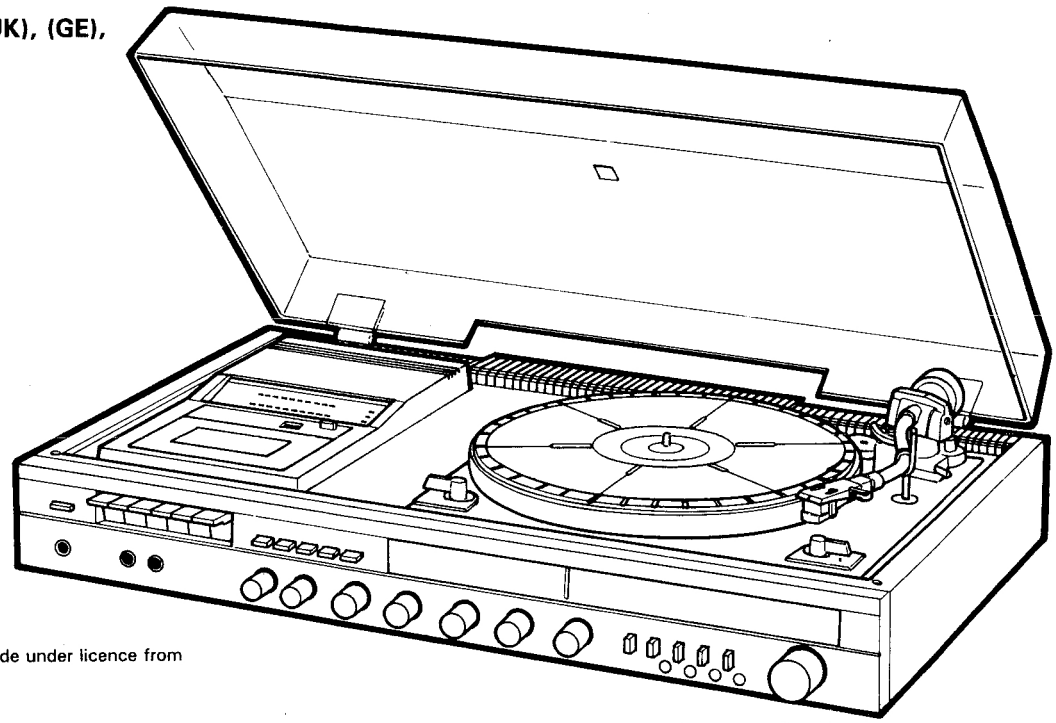
SERVICE MANUAL

CROWN JAPAN

SHC-6300 SERIES

SHC-6300L (E), (UK), (GE),
SHC-6300F (X)



DOLBY SYSTEM

Noise reduction circuit made under licence from Dolby Laboratories.

Stereo Music Center with Radio, Cassette Deck and Record Player.

SPECIFICATIONS

■ RADIO SECTION

Frequency Range	LW:	150 kHz ~ 300 kHz
	MW:	525 kHz ~ 1605 kHz
	SW:	6 MHz ~ 18 MHz F (X)
	FM:	87.5 MHz ~ 108 MHz
IF		455 kHz
		470 kHz L (UK)
Usable Sensitivity	LW:	1000 μV/m
	MW:	500 μV/m
	SW:	500 μV/m F (X)
	FM:	5 μV
FM MPX Separation		28 dB

■ PHONO SECTION

Phono Motor	Belt Drive, Auto Return
Turntable Speed	33-1/3 rpm
	45 rpm
Wow and Flutter	Less than 0.2% (JIS. WRMS)
S/N	More than 25 dB
Frequency Response	40 Hz ~ 12.0 kHz ± 6 dB
Stylus Pressure	2.0 ± 0.5 g
Output Voltage	2.0 mV ~ 4 mV (1 kHz)

■ TAPE RECORDER SECTION

Record System	AC Bias 4 track 2-channel stereo
Erase System	AC Erase
Tape Speed	4.76 cm/sec. ± 1.5%
Wow and Flutter	0.2% (R.M.S.)
FF/REW Time	Within 110 sec. (C-60)

■ AMPLIFIER SECTION

Rated Output Power	30 W × 2 (T.H.D. = 1%)
Frequenc Response	40 Hz ~ 16 kHz ± 1.5 dB
Input Sensitivity	AUX: 500mV/470 kΩ
Tone Effect	Bass at 100 Hz ± 6 dB
	Treble at 10 kHz ± 6 dB

■ OTHER SECTION

Power Source	AC 117/220 V F (X)
	AC 220 V L (E), (GE)
	AC 240 V L (UK)
Dimensions	66.0(W) × 10.5(H) × 43.5(D) cm
Weight	13 kg

CROWN RADIO CORP. JAPAN

TOKYO · OSAKA · SAN FRANCISCO · PANAMA · DÜSSELDORF · LONDON

DISASSEMBLY

1. Removal of Cassette Holder

Press the eject button to open the cassette holder. Press the part "A" of the cassette holder. The cassette holder will removed.

2. Removal of Top Cabinet

Remove the screws (1 through 8) holding the top cabinet. fig-1, 2.

3. Removal of Escutcheon

Remove the screws (a through f). fig-1.

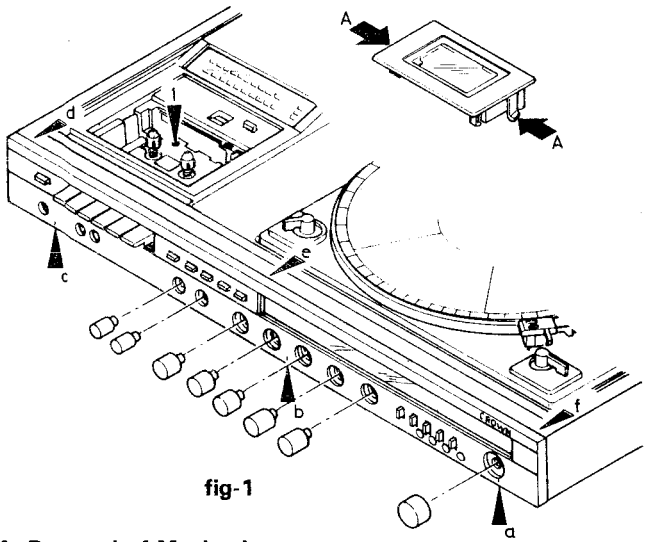


fig-1

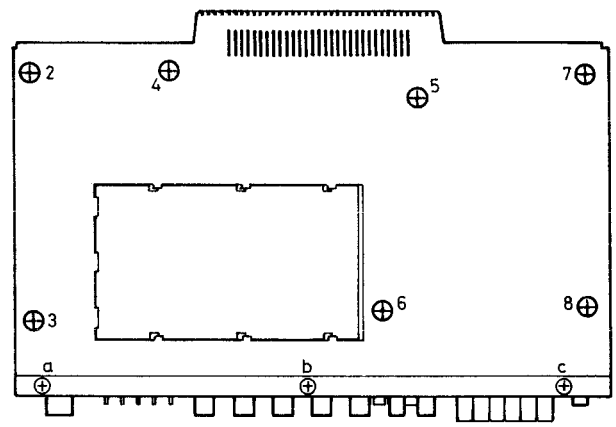


fig-2

4. Removal of Mechanism

Remove the 6 screws. fig-3.

5. Removal of Player Unit Unless Remove the Top Cabinet

1) Pull out the turntable from center spindle.

2) Loosen the mount screw shown in fig-4 and push it in the arrow direction.

3) Hold both ends of the Player Board with both hands and push and lift it in the arrow direction.

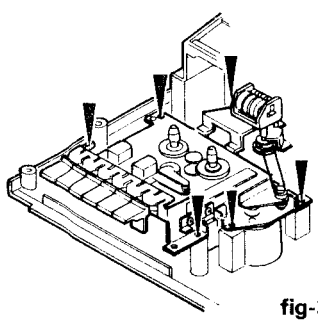
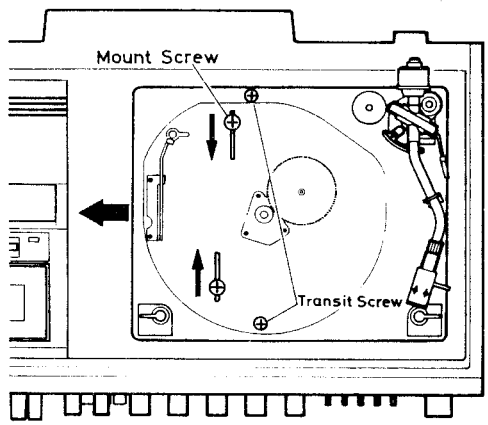


fig-3



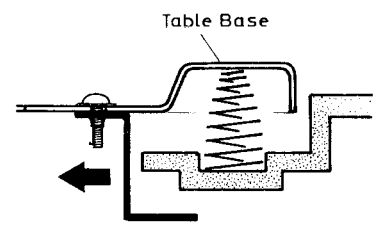


fig-4

6. Removal of Flexible Cord

1) When removing the flexible cord on the REC/PLAY switch side, pull it up while holding the case of the flexible cord.

2) When removing the flexible cord on the mechanism side, press it at the part A using a flat blade screwdriver.

Note: Do not pull the part B, as it will damage the case of the flexible cord. For removal, hold the part C firmly.

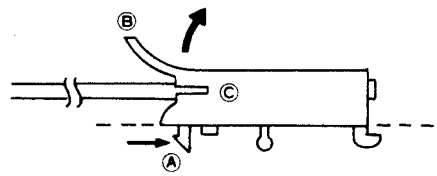


fig-5

ELECTRICAL ADJUSTMENT

1. AM Alignment SHC-6300L (E), (UK), (GE)

○ Set the internal modulation signal generator to 30%, 400 Hz of each.
○ Use only nonmetallic alignment tools to insure proper alignment.

Adjustment	Equipment Connection	Step No.	Generator Frequency	Tuning	Location to be Adjusted
IF	● AM Signal generator ● Sweep/marker generator ● Oscilloscope ● AC voltmeter ● Loop antenna ● Load resistance ● Dummy antenna ● Frequency counter Connect measuring instruments as shown in Fig. 1 and 2.	1	455 kHz 470 kHz (UK)		AM, IFT-2, 3, 6 Adjustment for maximum. Fig. 1.
		2	Repeat Steps to obtain Maximum Output.		
MW Band		3	505 kHz (Mod.)	505 kHz	Set generator frequency to 505 kHz with L-6 (MW oscillator coil). Fig. 2.
		4	1650 kHz (Mod.)	1650 kHz	Set generator frequency to 1650 kHz with TC-5 (Trimmer condenser).
		5	Repeat Steps 3 and 4 two or three times to adjust f. cover.		
MW Tracking		6	610 kHz (Mod.)	610 kHz	Adjust L-9 (Bar antenna) to obtain maximum sensitivity. Fig. 2.
		7	1400 kHz (Mod.)	1400 kHz	Adjust TC-7 (Trimmer condenser) so to obtain maximum sensitivity.
		8	Repeat Steps 6 and 7 two or three times to obtain maximum sensitivity.		
LW Band		9	145 kHz (Mod.)	145 kHz	Set generator frequency to 145 kHz with L-5 (Oscillator coil).
		10	310 kHz (Mod.)	310 kHz	Set generator frequency to 310 kHz with TC-4 (Trimmer condenser).
		11	Repeat Steps 9 and 10 two or three times to adjust f. cover.		
LW Tracking		12	180 kHz (Mod.)	180 kHz	Adjust L-8 (Bar antenna) to obtain maximum sensitivity.
		13	280 kHz (Mod.)	280 kHz	Adjust TC-6 (Trimmer condenser) so to obtain maximum sensitivity.
		14	Repeat Steps 12 and 13 two or three times to obtain maximum sensitivity.		

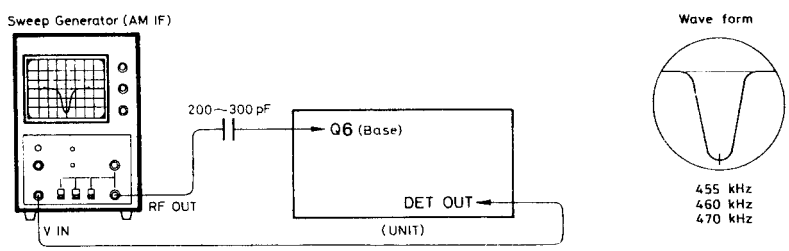


Fig. 1

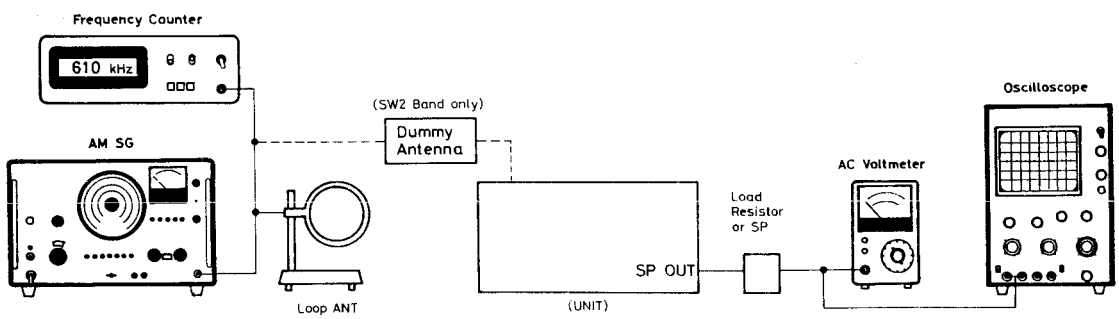


Fig. 2

2. AM Alignment SHC-6300F (X)

○ Set the internal modulation signal generator to 30%, 400 Hz of each.
○ Use only nonmetallic alignment tools to insure proper alignment.

Adjustment	Equipment Connection	Step No.	Generator Frequency	Tuning	Location to be Adjusted
IF	● AM Signal generator ● Sweep/marker generator ● Oscilloscope ● AC voltmeter ● Loop antenna ● Load resistance ● Dummy antenna ● Frequency counter Connect measuring instruments as shown in Fig. 1 and 2.	1	455 kHz		AM, IFT-2, 3, 6 Adjustment for maximum. Fig. 1.
		2	Repeat Steps to obtain Maximum Output.		
MW Band		3	505 kHz (Mod.)	505 kHz	Set generator frequency to 505 kHz with L-6 (MW oscillator coil). Fig. 2.
		4	1650 kHz (Mod.)	1650 kHz	Set generator frequency to 1650 kHz with TC-5 (Trimmer condenser).
		5	Repeat Steps 3 and 4 two or three times to adjust f. cover.		
MW Tracking		6	610 kHz (Mod.)	610 kHz	Adjust L-9 (Bar antenna) to obtain maximum sensitivity. Fig. 2.
		7	1400 kHz (Mod.)	1400 kHz	Adjust TC-7 (Trimmer condenser) so to obtain maximum sensitivity.
		8	Repeat Steps 6 and 7 two or three times to obtain maximum sensitivity.		
SW Band		9	5.85 MHz (Mod.)	5.85 MHz	Set generator frequency to 5.85 MHz with L-5 (Oscillator coil).
		10	18.5 MHz (Mod.)	18.5 MHz	Set generator frequency to 18.5 MHz with TC-4 (Trimmer condenser).
		11	Repeat Steps 9 and 10 two or three times to adjust f. cover.		
SW Tracking		12	7.0 MHz (Mod.)	7.0 MHz	Adjust L-8 (Bar antenna) to obtain maximum sensitivity.
		13	16.0 MHz (Mod.)	16.0 MHz	Adjust TC-6 (Trimmer condenser) so to obtain maximum sensitivity.
		14	Repeat Steps 12 and 13 two or three times to obtain maximum sensitivity.		

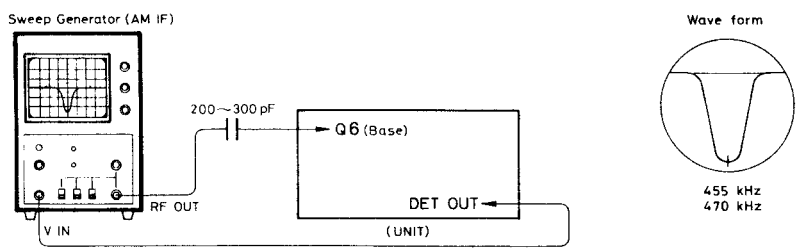


Fig. 1

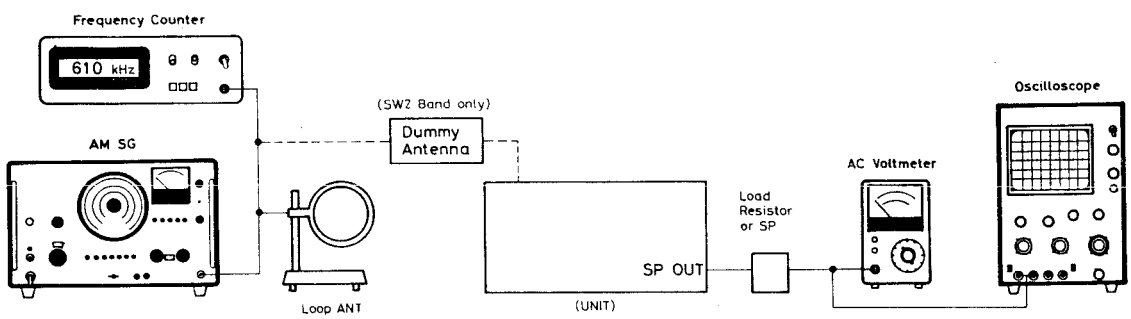


Fig. 2

3. FM Alignment

Adjustment	Equipment Connection	Step No.	Generator Frequency	Tuning	Location to be Adjusted
IF	● FM Signal generator ● FM Sweep/marker generator ● Oscilloscope ● AC voltmeter ● Dummy antenna ● Load resistance ● Frequency counter Connect measuring instruments as shown in Fig. 3 and 4.	1	10.7 MHz (Mod.)	MANUAL	FM, IFT-1, 4, 5 adjust for maximum gain. IFT-1, 4, 5 adjust for symmetric "S" curve (Marker should appear in the middle of "S" curve). Fig. 3.
		2	Repeat Steps to obtain Maximum Output.		
FM Band		3			Set R3 Voltage to 2.20 V, R1 Voltage to 22.0 V with VR8 and VR6 (Page 7).
		4	87 MHz (Mod.)	87 MHz	Set generator frequency to 87 MHz with L-4 (FM oscillator coil). Fig. 4.
		5	108.5 MHz (Mod.)	108.5 MHz	Set generator frequency to 108.5 MHz with TC3 (Trimmer condenser).
		6	Repeat Steps 4 and 5 two or three times to adjust f. cover.		
FM Tracking		7	90 MHz (Mod.)	90 MHz	Adjust L-1, 2 (Tuning ,RF coil) to obtain maximum sensitivity. Fig. 4.
		8	106 MHz (Mod.)	106 MHz	Adjust TC-1,2 (Trimmer condenser) to obtain maximum sensitivity.
		9	Repeat Steps 7 and 8 two or three times to obtain maximum sensitivity.		

○ Use only nonmetallic alignment tools to insure proper alignment.

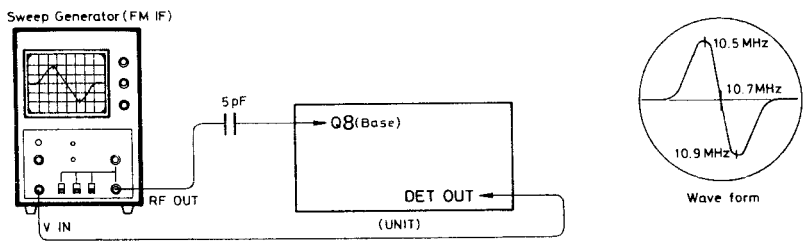


Fig. 3

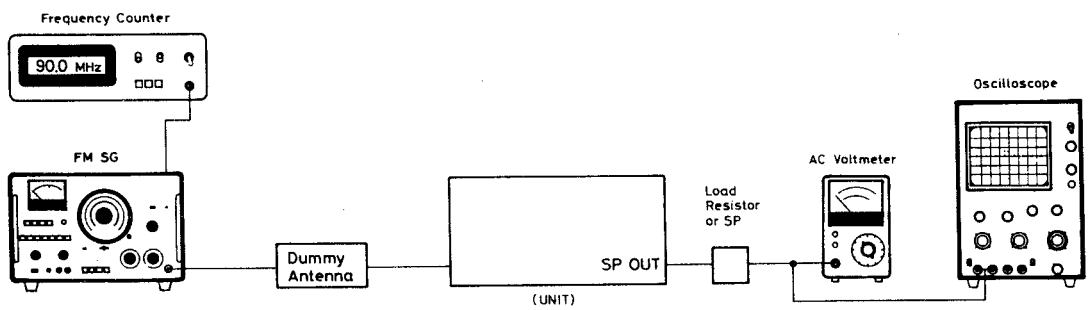


Fig. 4

4. FM MPX Adjustment

Connect test instrument as shown in Fig. 5.

1) 19 kHz Adjustment

Connect frequency counter T.P (IC2 No. 12 pin) and earth, adjust the semi-fixed resistor VR9 for reading of 19 kHz on the counter.

Note: When adjusting 19 kHz in the multiplex circuit, connect a capacitor (0.022 μF) to IC2 No. 2 pin to shut off the signal and noise.

2) Separation Adjustment

a) Set the FM signal generator to 98 MHz and an output of 1 mV (60 dB).

b) Set the stereo signal generator to 90% main signal and 10% pilot signal. Modulation frequency: 400 Hz.

c) Switch the stereo signal to left (or right) and adjust the semi-fixed resistor VR10 to minimize the right (or left) output.

Note: Adjust VR10 until more than 28 dB separation is obtained between the left and right channels.

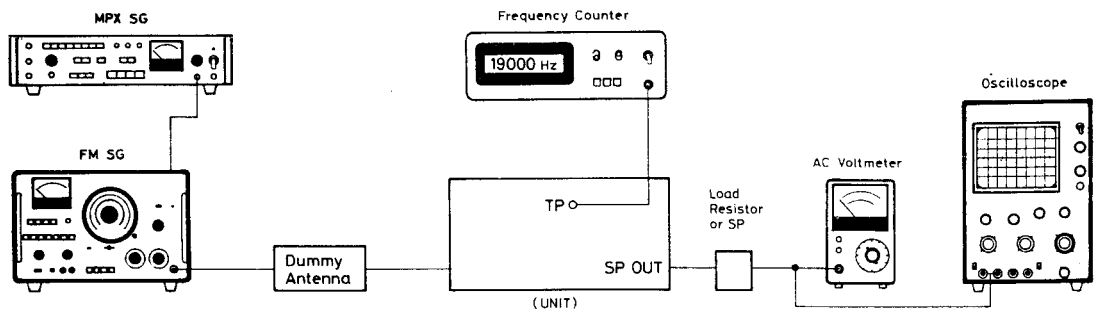


Fig. 5

5. Playback Gain, LED Level Meter Adjustment

Set the Dolby switch to OFF. The tape selector switch should be set to the normal position and play a standard tape (MTT-150) 200 PWb (400 Hz). Adjust the semi-fixed resistors VR101 (R), VR201 (L) until the TP4 (L), TP5 (R) output voltage reaches 580 mV, and adjust semi-fixed resistors VR803 (R) and VR804 (L) for the LED lights to 7 th (0 VU).

6. Recording Bias Adjusment

Set the unit in recording mode with no signal applied. Turn and adjust semi-fixed resistors VR 801 (L) and VR802 (R) until TP21 (R), TP22 (L) voltage indicate 9.1 $\pm$ 0.5 mV.

Note: The tape selector switch should be set to the Metal position and OSC (Beat) switch is 1 position.

7. Recording Level Adjustment

Set the Dolby switch to OFF, and turn the record volume controls to maximum position. The tape selector switch should be set to the normal position and apply input signal of 0 VU (LED Level Meter), f = 1 kHz, to AUX IN.

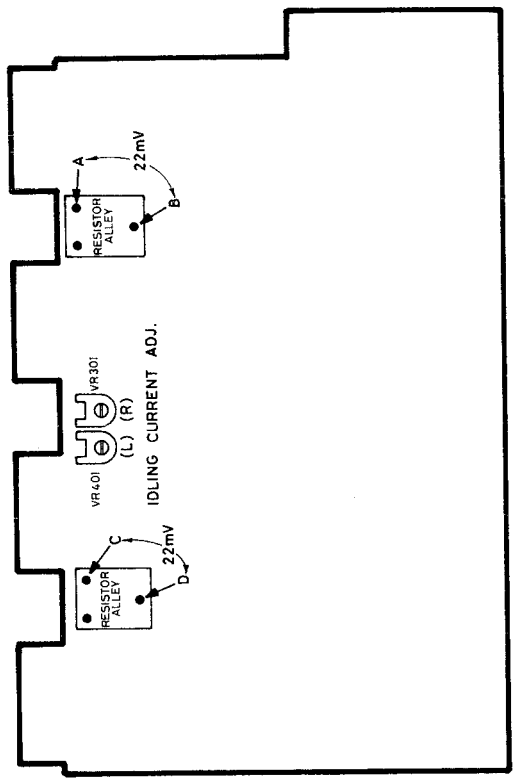
Play this recorded tape and adjust semi-fixed resistors VR102 (R) and VR202 (L) for the Level meters indicates 0 VU.

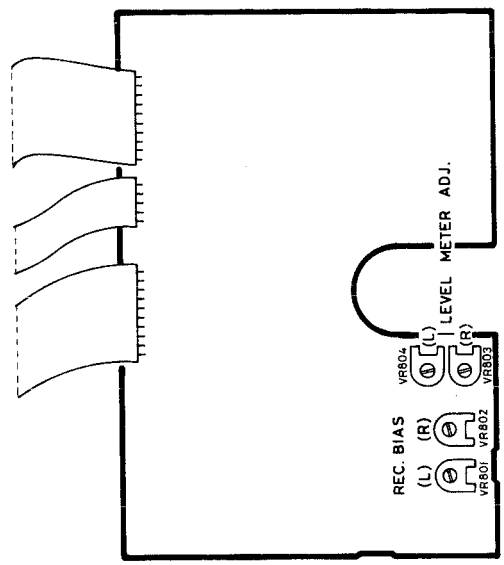
Note: VR102 and VR202 are used for recording sensitivity adjustment only, and have no effect playback output.

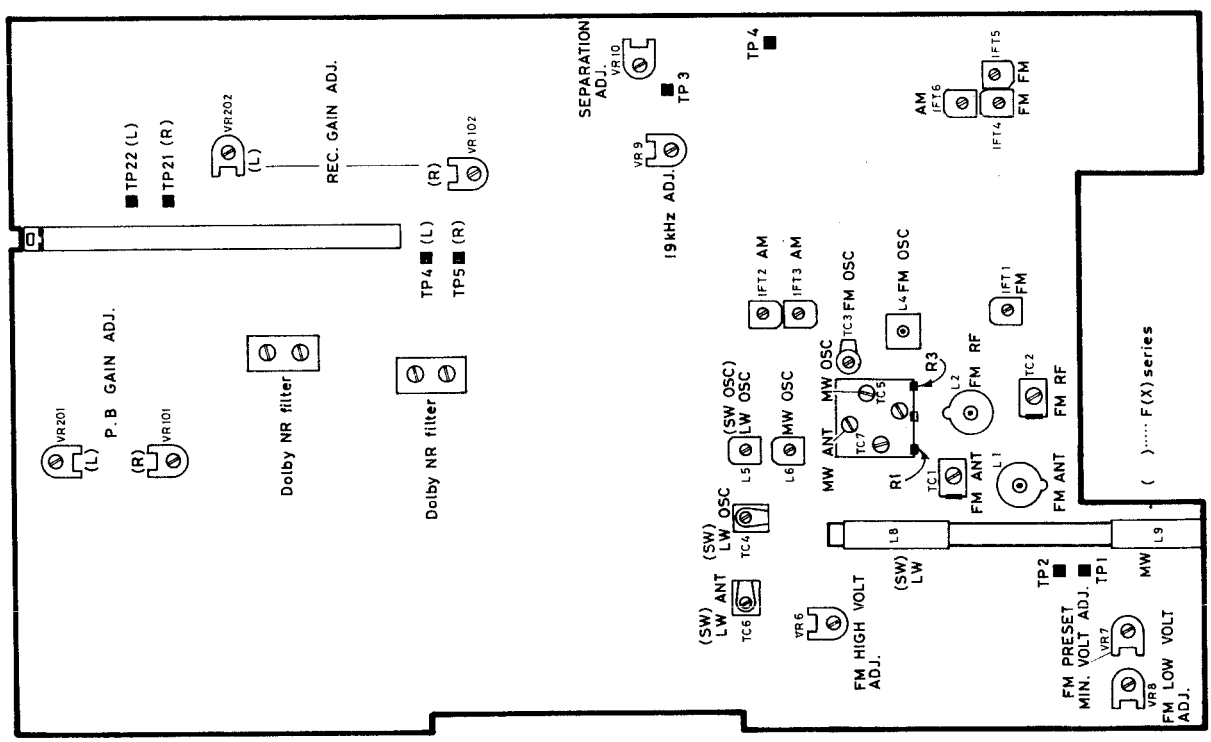
8. Idling Current Adjustment

Connect a DC.V.M between A and B (R), C and D (L) on the Resistor Alley. Then adjust VR301 (R), VR401 (L) untill voltage between then is 22 mV.

ADJUSTMENT POINTS







MECHANICAL ADJUSTMENT

1. Tape Speed Adjustment

Operate the unit for 2 minutes in playback mode. Then connect a frequency counter to SP OUT, play a standard tape (f = 3kHz). Insert a screwdriver through the adjusting hole on the motor and adjust the semi-fixed resistor until the frequency counter reads 3 kHz.

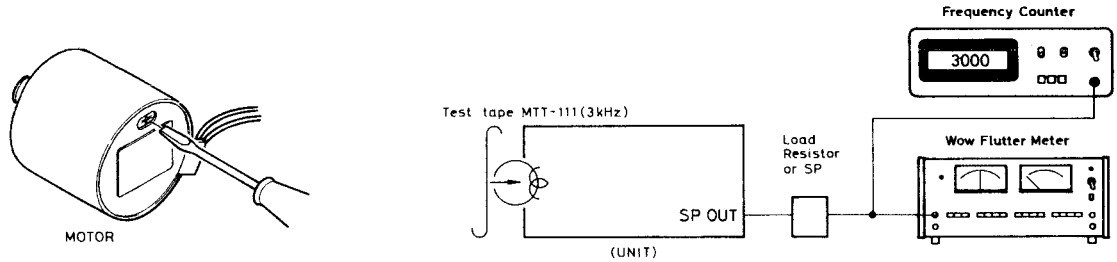


Fig. 7

2. Head Azimuth Adjustment

With AC. V.M. connected to L and R channels SP OUT, play a standard tape (10 kHz, − 10 dB). Turn the head azimuth adjusting screw for a maximum and same reading on L and R channels AC. V.M. After the adjustment, secure the screw with a locking paint.

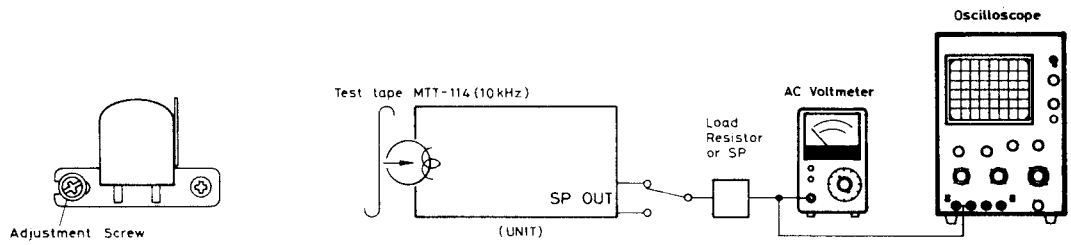


Fig. 8

Lead Connection of Head

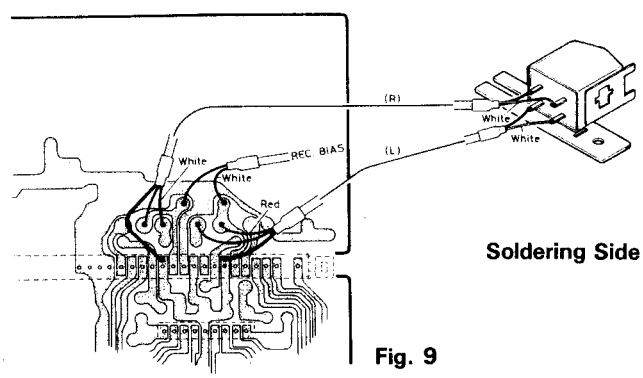


Fig. 9

3. Take-up Torque

40 ~ 70 g-cm

Measure on the take-up reel platform operating in play. If less than 40 g-cm, check to see if it is caused by slippage between the reel platform and the play idler.

(1) If found to be slipping, wipe and clean the rubber portion of the play idler, take-up reel platform, clutch pulley, drive belt using alcohol.

(2) If the reel platform itself is the cause of the slippage replace the reel platform.

Tape Head Demagnetization

The tape head may be magnetized if a magnetized tool is brought close to it or the tape deck is used for an extended period of time. When the head is magnetized, the result is a loss of hight frequency or an increase of noise in tape. Magnetized tape head should be demagnetized by using a head demagnetizer.

PLAYER ADJUSTMENT

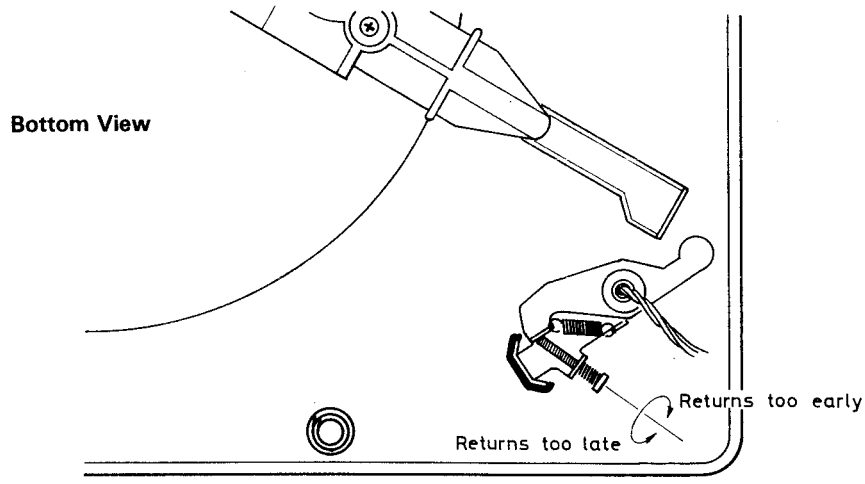
Precautions for Repair

1) When the player unit is fixed with clamping screws, turn the screws clockwise and the unit will float on the suspension springs on the four corners.
2) Release the pickup clamper.
3) Set the auto mechanism in the regular position by rotating the turntable about 5 turns by hand.

Note: When the pickup arm is moved toward the turntable and if it tends to return to the arm rest, wait until it returns completely. This is caused when the pickup arm driving unit is not properly positioned with respect to the auto mechanism.

Adjustment of Auto Return Position

When the pickup arm returns too early, turn the adjusting screw clockwise. When it returns too late, turn the screw counter-clockwise. See the figure below.

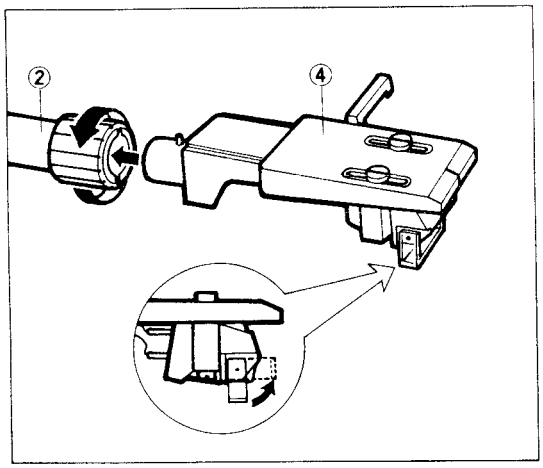


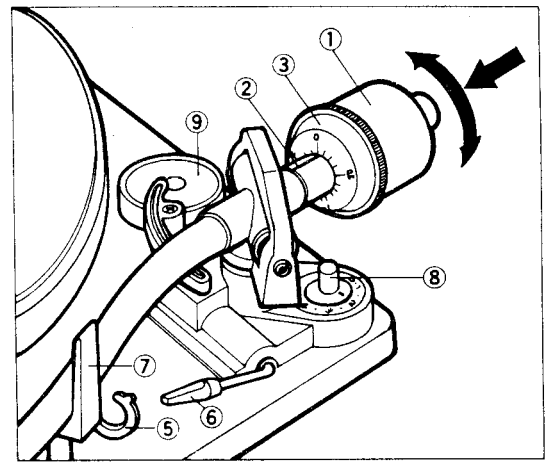
Operation Check after Repair

Move the cueing lever of the player unit away from you and swing the pickup arm over the record.
Then move the cueing lever toward you. The record will now start playing. At the end of the record, the pickup arm returns automatically to the arm rest and the power switch of the player unit turns OFF.

Pickup Arm Balance and Stylus Pressure Adjustments

1) Insert the head shell ④ to the Pickup arm ②.
2) Insert the counter-weight ① onto the rear end of the pickup arm ② by rotating the weight clockwise, with the stylus pressure dial facing the front.
3) Remove the stylus guard.
4) Release the pickup arm lock ⑤ and raise the cueing lever ⑥ to lift the pickup arm from the arm rest ⑦.
5) Move the pickup arm over the turntable.
6) Hold the pickup head and lower the cueing lever.
7) Slide the counter-weight back and forth along the pickup arm by rotating it until the arm is parallel to the surface of the turntable.
8) Turn the stylus pressure dial (do not turn the counter-weight) so that "0" coincides with the notch on the pickup arm.
9) Rotate the counter-weight anti-clockwise (do not turn the stylus pressure dial) until "2" on the dial coincides with the notch. This completes the stylus pressure adjustment.
10) After the adjustment of the stylus pressure, turn and set the inside force canceller ⑧ to "2".

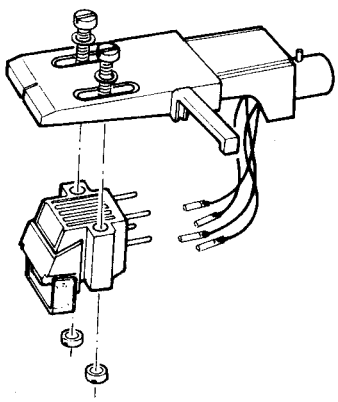


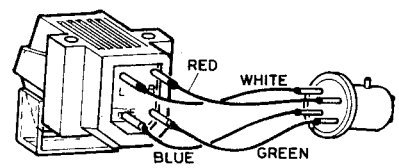


① Counter-weight ② Pickup arm ③ Stylus pressure dial
⑦ Arm rest ⑧ Anti-skating adjuster ⑨ Spindle adaptor

④ Head shell ⑤ Pickup arm lock ⑥ Cueing lever

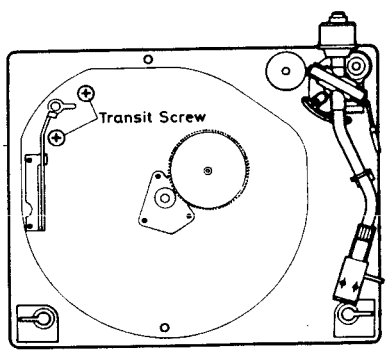
LEAD CONNECTION OF CARTRIDGE

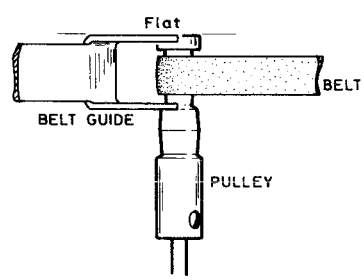




MOTOR PULLEY ADJUSTMENT

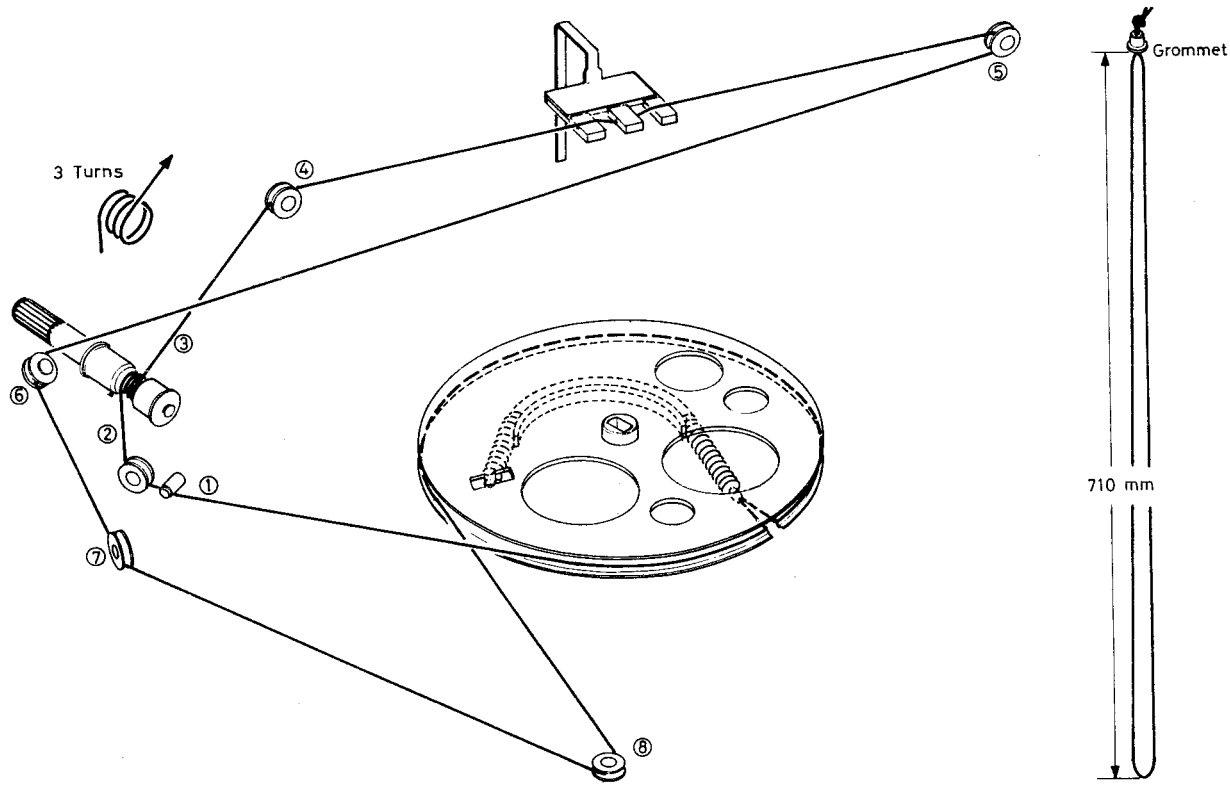
1) Remove the transit screws.
2) Set the speed selector to 33-1/3 rpm position.
3) Fix the pulley to equal height of the belt guide.



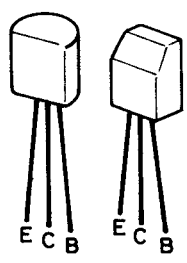
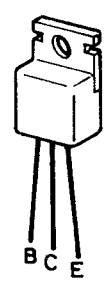
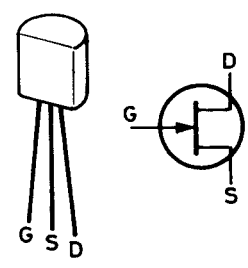


DIAL CORD STRINGING

1) Insert both ends of the dial cord into the grommet. Tie the ends together sot that a loop is formed. Secure the dial cord by crashing the grommet. Thread the dial cord throught the coil spring.
2) Arrange the dial cord in the numerical order while holding one end of the cord, then engage the coil spring as shown.

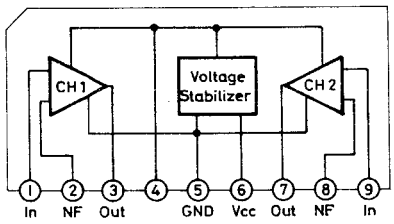


TRANSISTORS

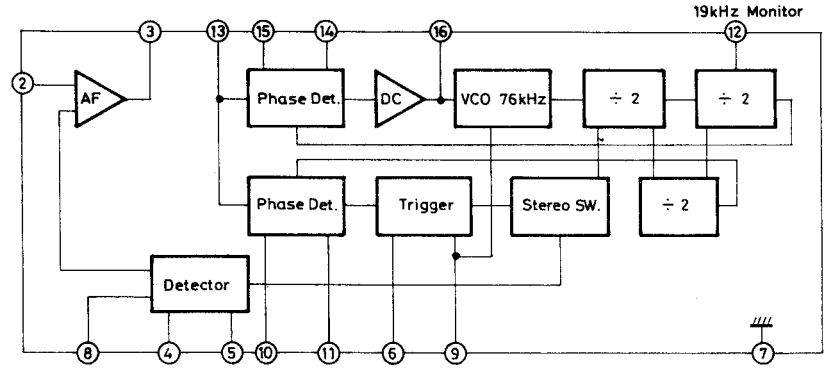
					
2SD 361	2SC 711 1312	2SA 921 2SC 460 535 828 1318 1342	2SA 777 2SC1509	2SD 880	2SK 168

IC BLOCK DIAGRAM

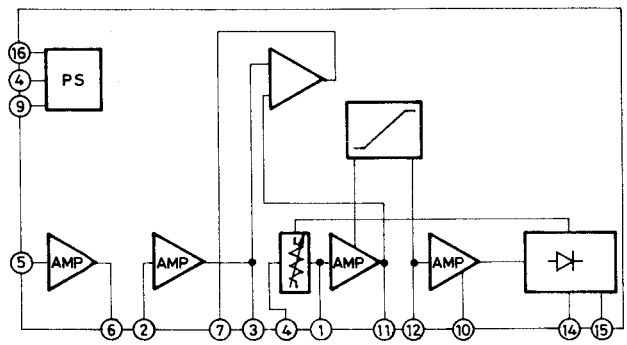
AN 7311 (Pre – Amp IC)



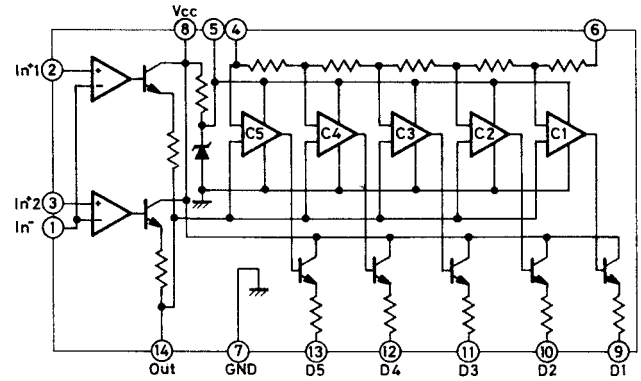
BA1320 (PLL MPX. IC)



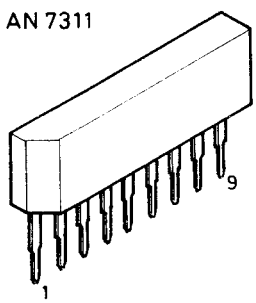
NE646B (Dolby NR IC)



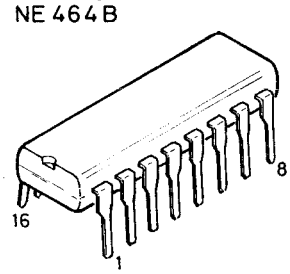
LB1416 (LED Drive IC)



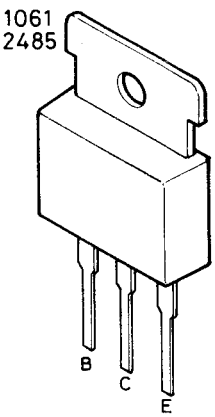
AN 7311



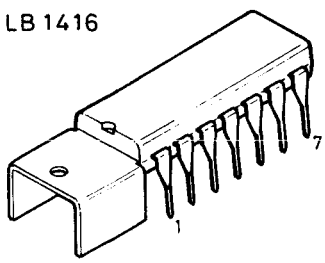
BA 1320
NE 464 B



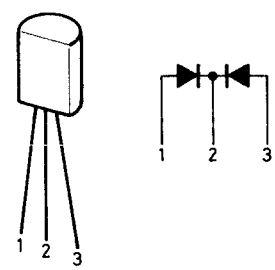
2SA 1061
2SC 2485



LB 1416

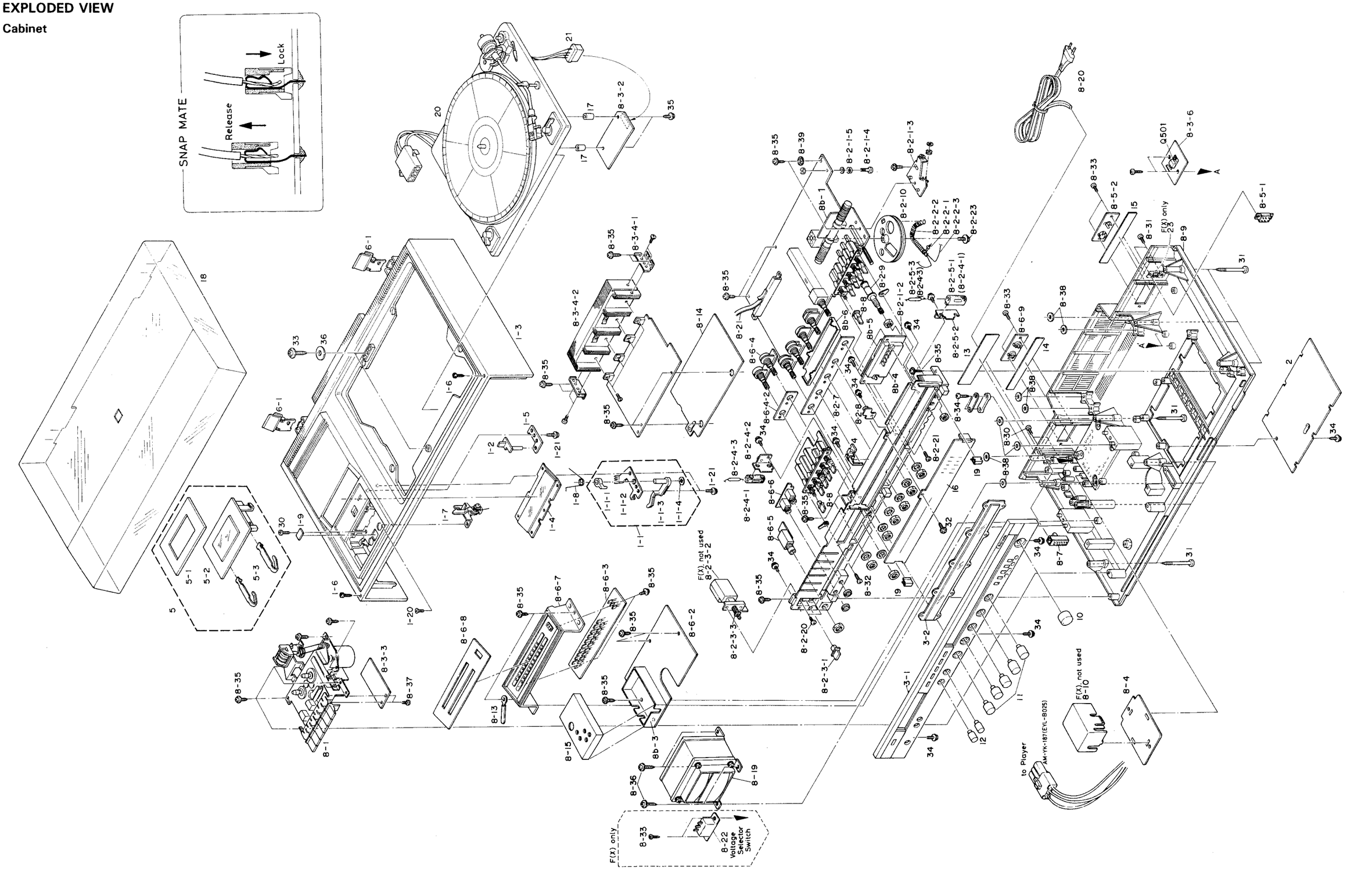


1SV 55



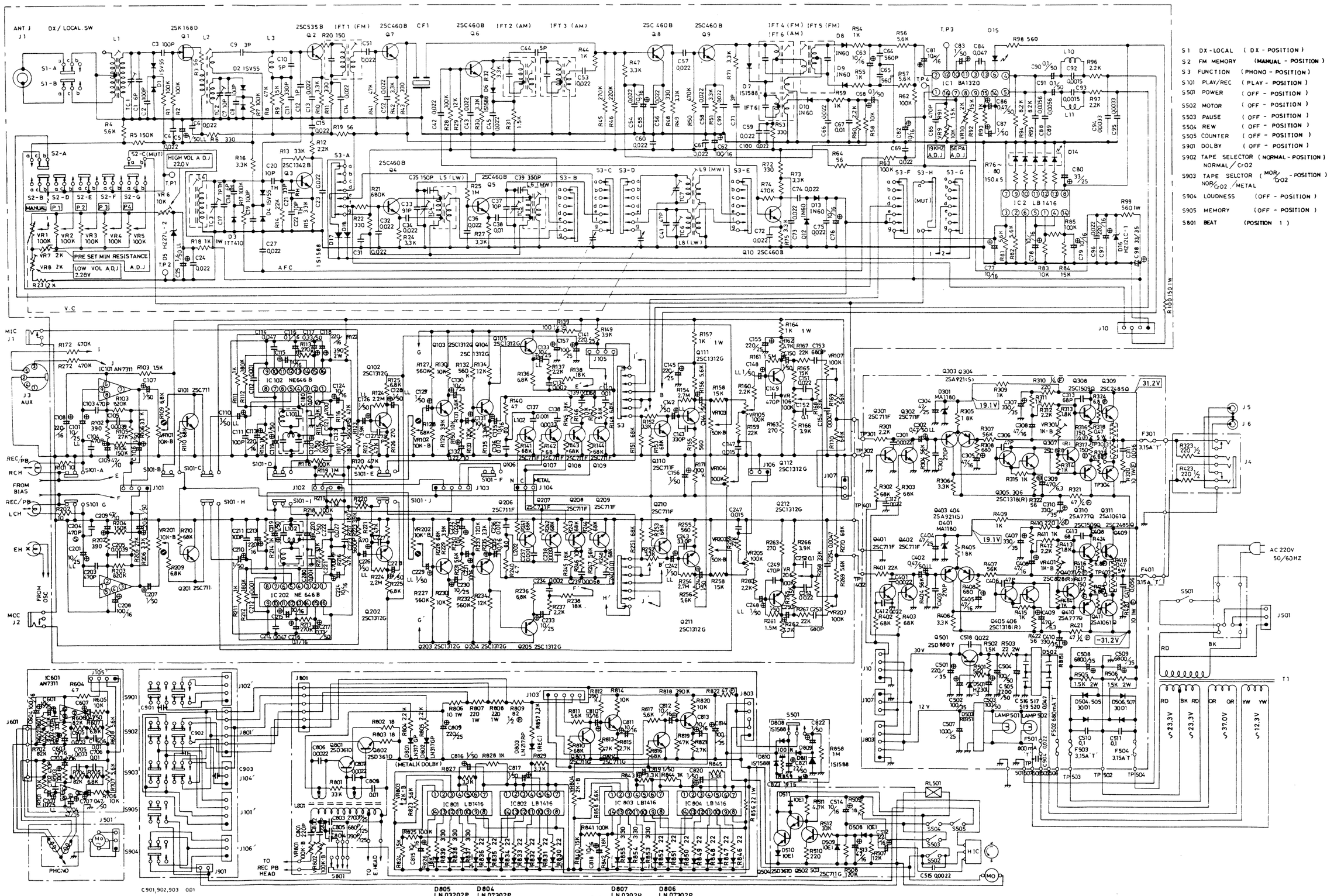
EXPLODED VIEW

Cabinet



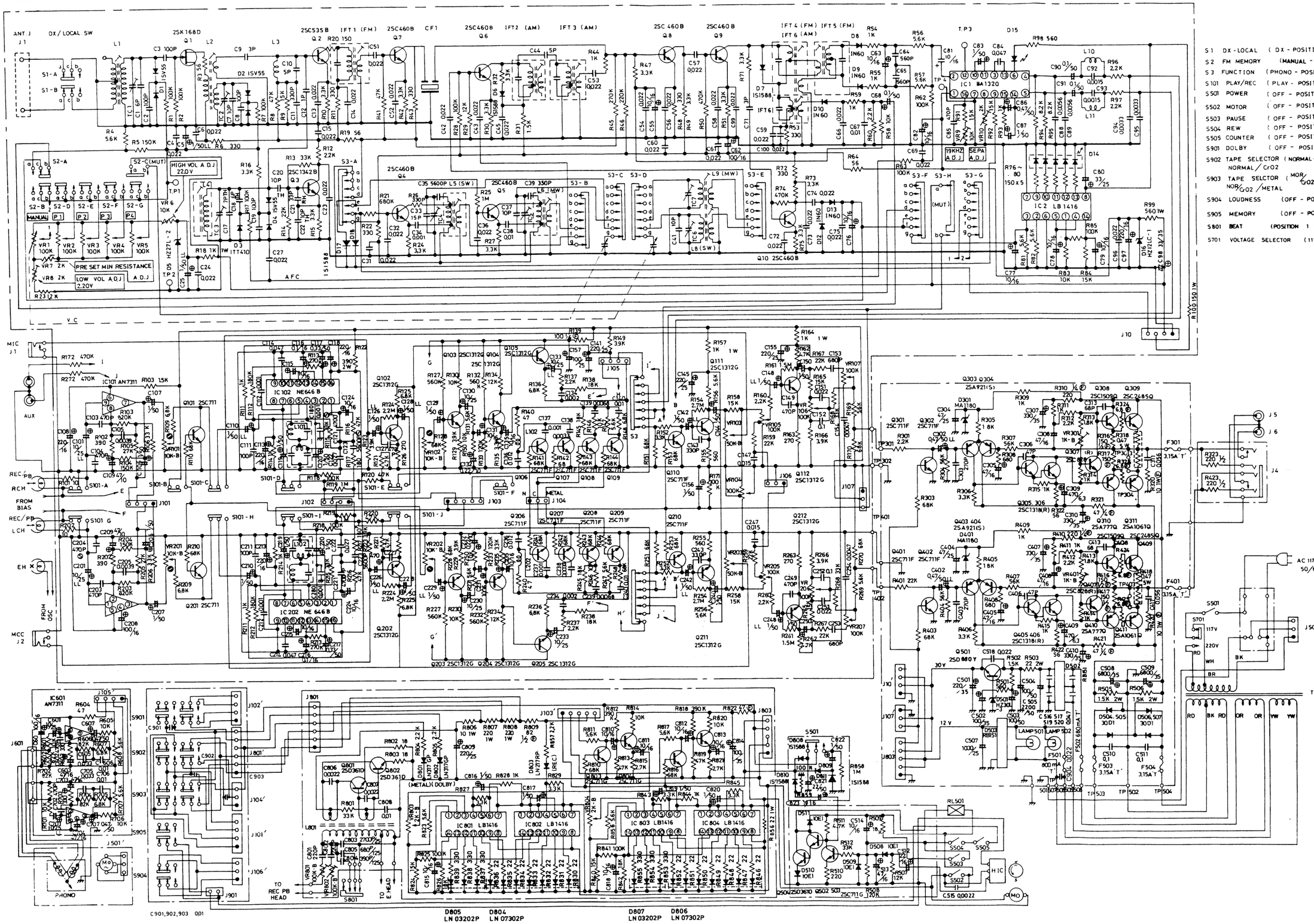
SCHEMATIC DIAGRAM (1) SHC-6300L (E), (UK), (GE)

NOTE: This circuit is a standard circuit but is subject to change without notice.


S1 DX-LOCAL (DX - POSITION)
S2 FM MEMORY (MANUAL - POSITION)
S3 FUNCTION (PHONO - POSITION)
S101 PLAY/REC (PLAY - POSITION)
S501 POWER (OFF - POSITION)
S502 MOTOR (OFF - POSITION)
S503 PAUSE (OFF - POSITION)
S504 REW (OFF - POSITION)
S505 COUNTER (OFF - POSITION)
S901 DOLBY (OFF - POSITION)
S902 TAPE SELECTOR (NORMAL - POSITION) NORMAL / CrO2
S903 TAPE SELCTOR (MOR / CrO2 - POSITION) NOR / CrO2 / METAL
S904 LOUDNESS (OFF - POSITION)
S905 MEMORY (OFF - POSITION)
S801 BEAT (POSITION 1)
AC 220V 50/60HZ
31.2V
19.1V
-31.2V
12 V
30V
AFC
PHONO
TO REC PB HEAD
TO E HEAD
D805 LN03202P
D804 LN07302P
D807 LN0302P
D806 LN07302P

SCHEMATIC DIAGRAM (2) SHC-6300F (X)

NOTE: This circuit is a standard circuit but is subject to change without notice.


S1 DX-LOCAL (DX - POSITION)
S2 FM MEMORY (MANUAL - POSITION)
S3 FUNCTION (PHONO - POSITION)
S101 PLAY/REC (PLAY - POSITION)
S501 POWER (OFF - POSITION)
S502 MOTOR (OFF - POSITION)
S503 PAUSE (OFF - POSITION)
S504 REW (OFF - POSITION)
S505 COUNTER (OFF - POSITION)
S901 DOLBY (OFF - POSITION)
S902 TAPE SELECTOR (NORMAL - POSITION) NORMAL / CrO2
S903 TAPE SELECTOR (MOR/CrO2 - POSITION) NOR/CrO2 / METAL
S904 LOUDNESS (OFF - POSITION)
S905 MEMORY (OFF - POSITION)
S801 BEAT (POSITION 1)
S701 VOLTAGE SELECTOR (117 V POSITION)
ANT J1
DX / LOCAL SW
2SK168D Q1
2SC535B Q2
IFT1 (FM)
2SC460B Q7
CF1
2SC460B Q6
IFT2 (AM)
IFT3 (AM)
2SC460B Q8
2SC460B Q9
IFT4 (FM) IFT5 (FM)
IFT6 (AM)
IC1 BA1320
IC2 LB1416
2SC460B Q4
2SC460B Q5
2SC1342B Q3
Q10 2SC460B
IC 102 NE646 B
IC 202 NE 646 B
IC601 AN7311
IC101 AN7311
Q101 2SC711
Q102 2SC1312G
Q103 2SC1312G
Q104 2SC1312G
Q105 2SC1312G
Q106 2SC711F
Q107 Q108 Q109 2SC711F
Q110 2SC711F
Q111 2SC1312G
Q112 2SC1312G
Q201 2SC711
Q202 2SC1312G
Q203 2SC1312G
Q204 2SC1312G
Q205 2SC1312G
Q206 2SC711F
Q207 Q208 Q209 2SC711F
Q210 2SC711F
Q211 2SC1312 G
Q212 2SC1312G
Q301 2SC711F
Q302 2SC711F
Q303 Q304 2SA921(S)
Q305 306 2SC1318(R)
Q307 (R)
Q308 2SC1509Q
Q309 2SC2485Q
Q310 2SA777Q
Q311 2SA1061Q
Q401 2SC711F
Q402 2SC711F
Q403 404 2SA921(S)
Q405 406 2SC1318(R)
Q407 2SC1509(R)
Q408 2SC2485(R)
Q410 2SA777Q
Q411 2SA1061Q
Q501 2SD880 Y
Q502 2SC711G
Q801 2SD361D
Q802 2SD361D
D301 MA1180
D401 MA1180
D501 HZ30L
D502 RB151
D503 RB151
D504 505 30D1
D506 507 30D1
D508 10E1
D509 10E1
D510 10E1
D511 10E1
D801 LN102
D802 LN102
D803 LN2270P
D804 LN07302P
D805 LN03202P
D806 LN07302P
D807 LN03202P
D808 1S1588
D809 D811
D810 1S1588
D901 LN3170P
IC801 LB1416
IC802 LB1416
IC803 LB1416
IC804 LB1416
L801
L901
L902
L903
L904
L905
L906
L907
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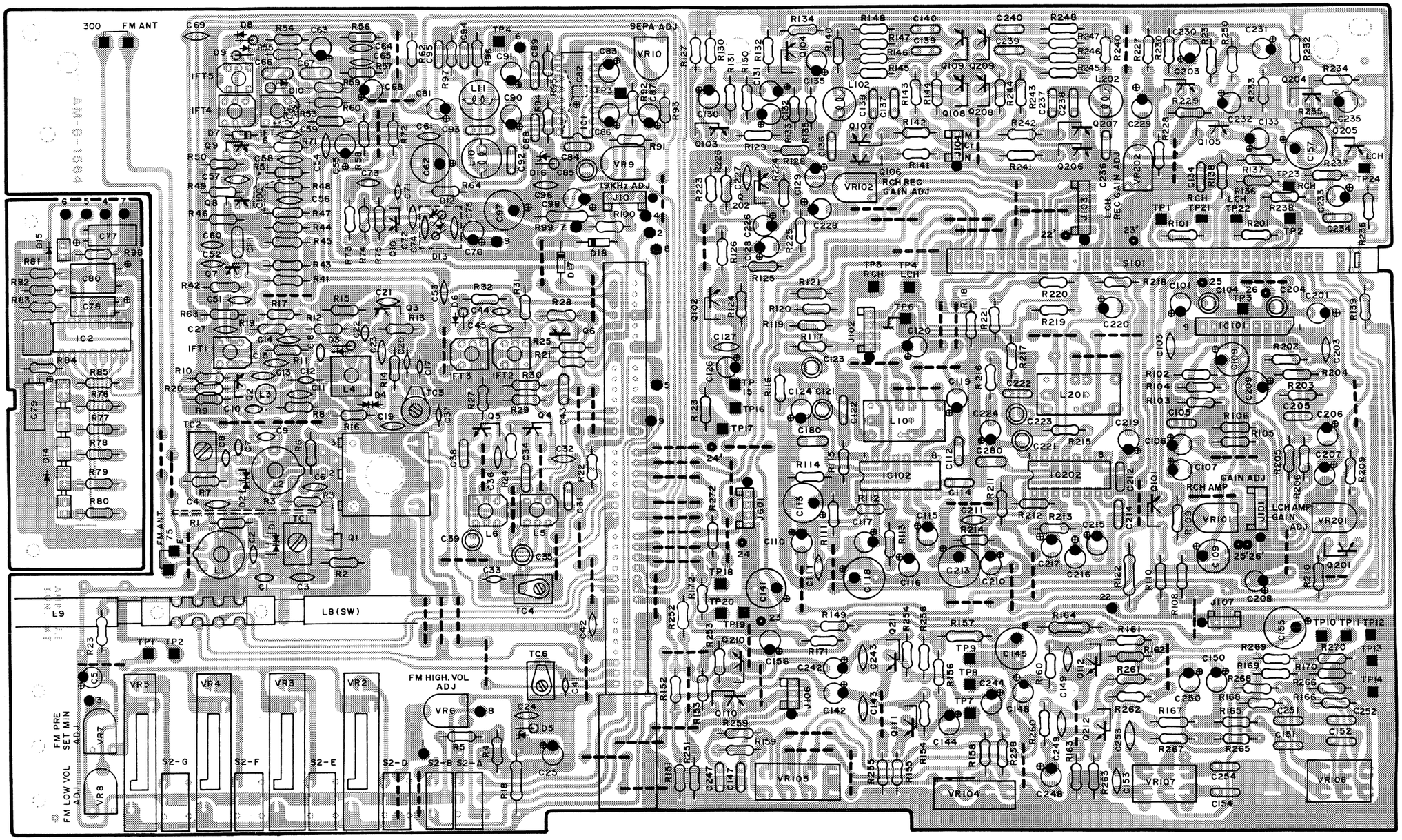
L937
L938
L939
L940

WIRING BOARD LAYOUT

Tuner, Pre-Amp, LED Signal



(DC Volt)

Q	1	2	3	4	5	6	7	8	9	10
B	—	3.1	3.9	4.9	3.6	1.4	11.4	1.0	5.4	4.3
C	10.9	12.4	10.2	13.5	13.7	12.8	12.1	8.2	12.6	10.0
E	0	2.4	3.3	4.5	3.2	0.8	10.7	0.5	4.8	3.6
Condition	F M			LW	MW	F M				

(DC Volt)

Q	201	202	203	204	205	211	212
B		1.0	3.4	5.4	14.9	2.1	1.6
C		7.7	25.0	14.9	32.3	13.5	9.1
E		0.4	2.8	4.8	14.3	1.5	1.0
Condition							

(DC Volt)

		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Condition
IC1	BA1320	13.9	2.9	2.5	6.3	6.1	11.5	0	0.7	—	2.2	2.2	1.5	2.3	2.3	2.3	3.0	FM
IC2	LB1416	0.3	0	0.3	2.7	2.7	0	0	13.1 8.4	0 3.0	←	←	←	←	← 0~7.5			LED OFF ON

WIRING BOARD LAYOUT

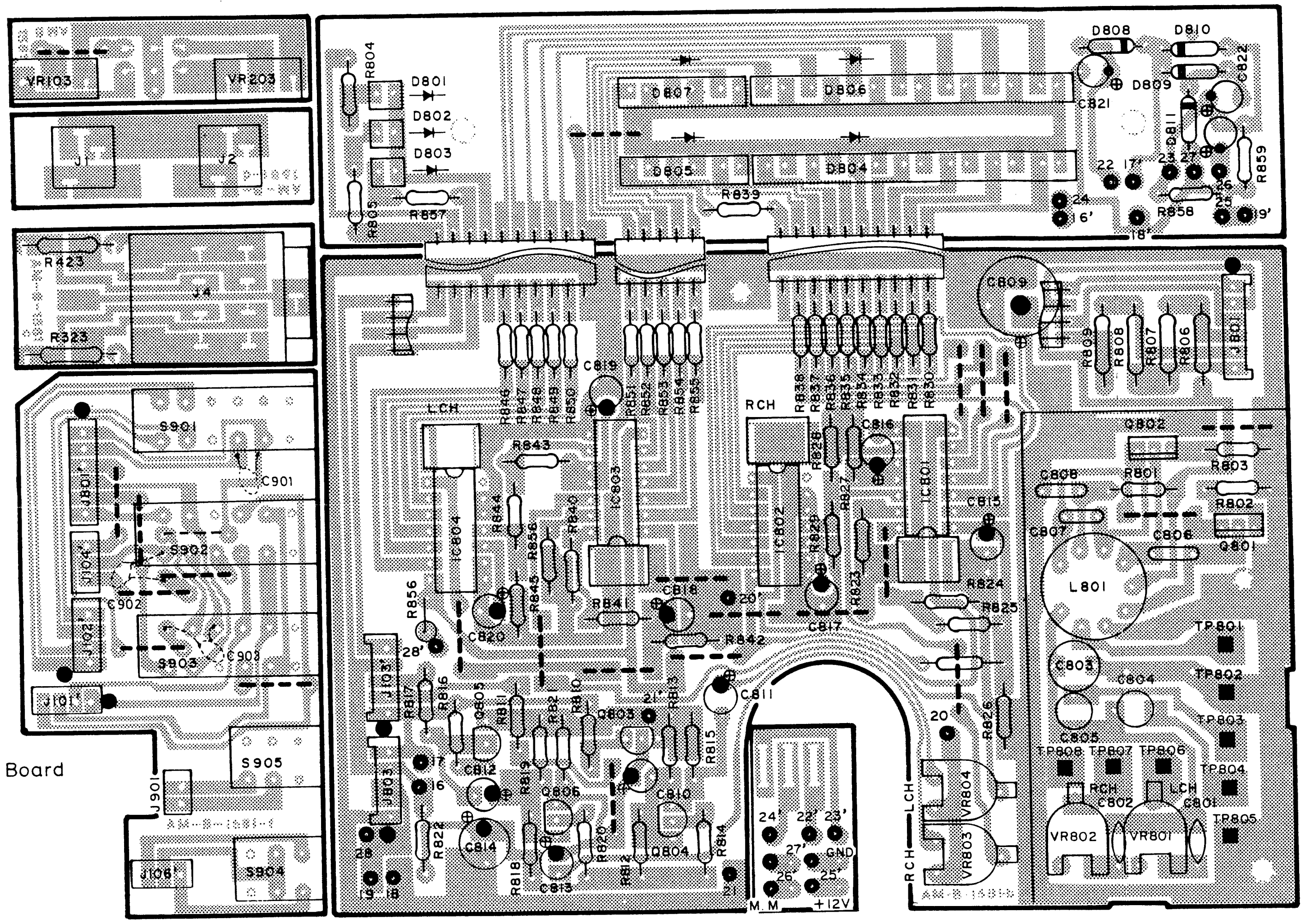
Power Amp, Power Supply, Phono Amp, Auto Stop P.C.B., Rec Bias, Meter Amp.

Rec. VR

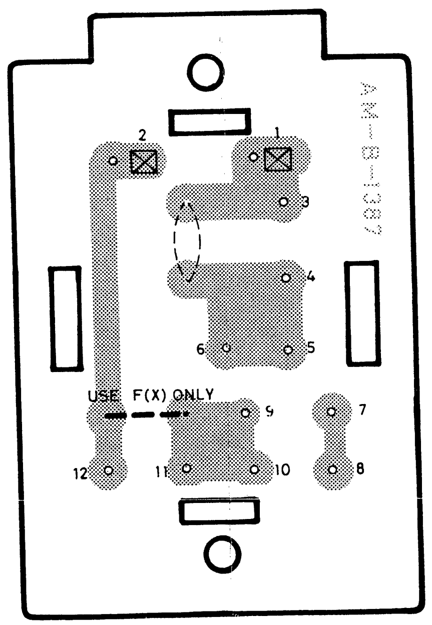
Mic.

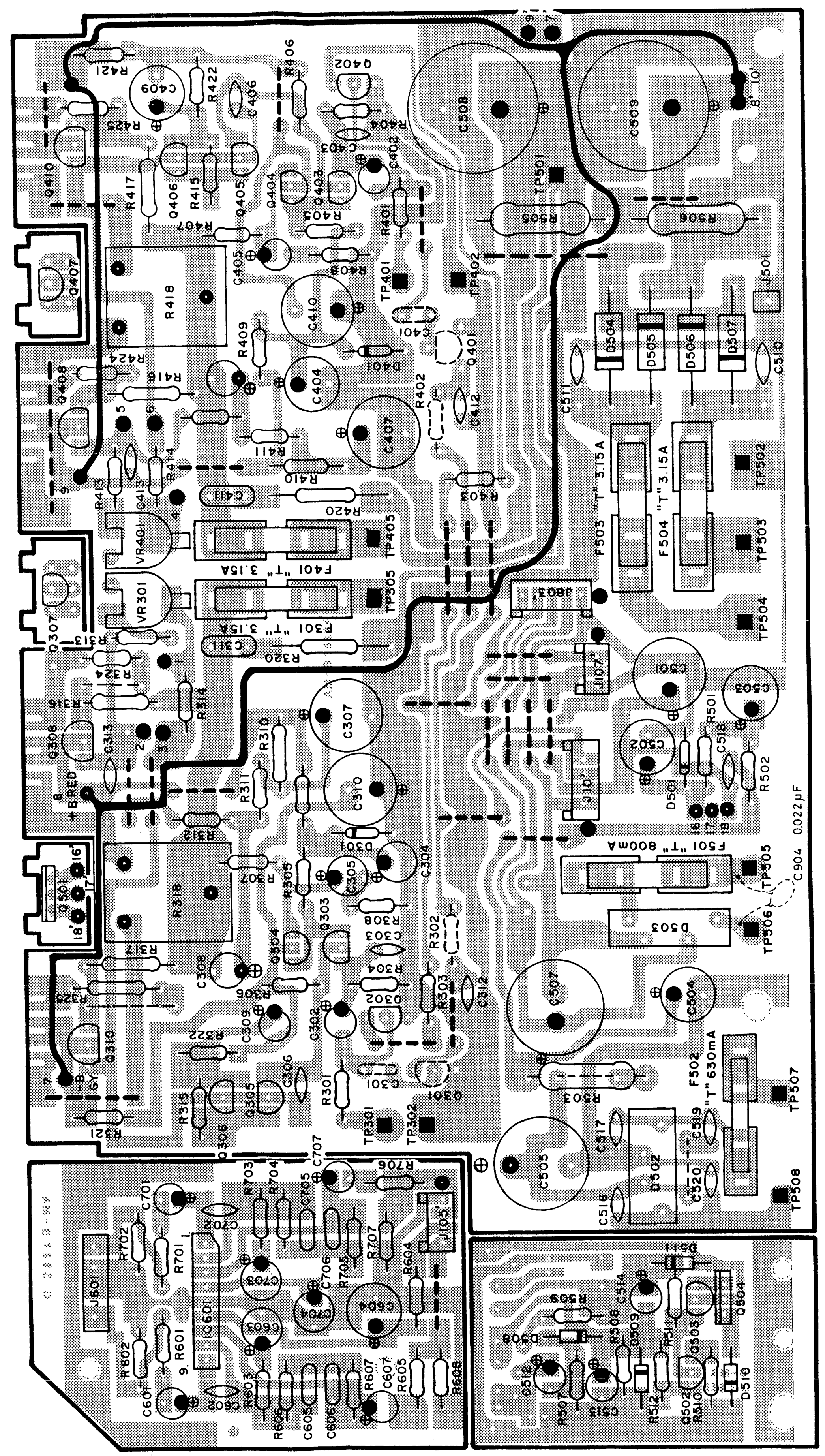
Phones

Switch Board



Rec. Bias, Meter Amp





Phono Amp

Auto-Stop

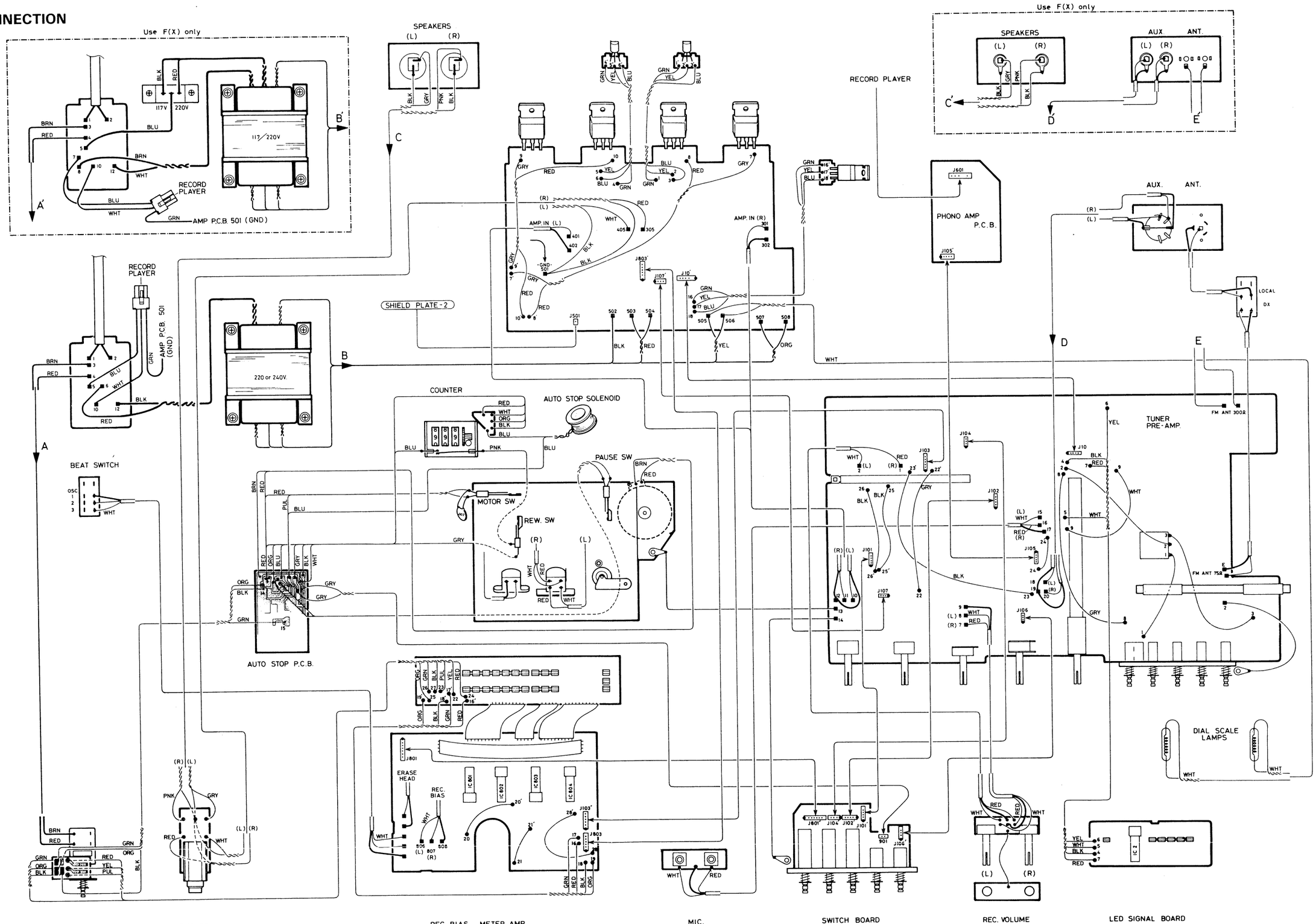
(DC Volt)

Q	403	404	405	406	407	408	409	410	411		801	802	804
B	0.1	0.1	-28.6	-29.3	-0.6	1.2	0.6	-1.2	-0.6		0.3	0.3	2.8
C	-28.6	-30.1	-1.2	-1.2	1.2	30.6	30.9	-30.6	-30.9		23.9	23.9	22.6
E	0.6	0.6	29.3	-28.9	-1.2	0.6	0	-0.6	0		0.9	0.9	3.4
Condition	NO SIGNAL										REC. METAL		

(DC Volt)

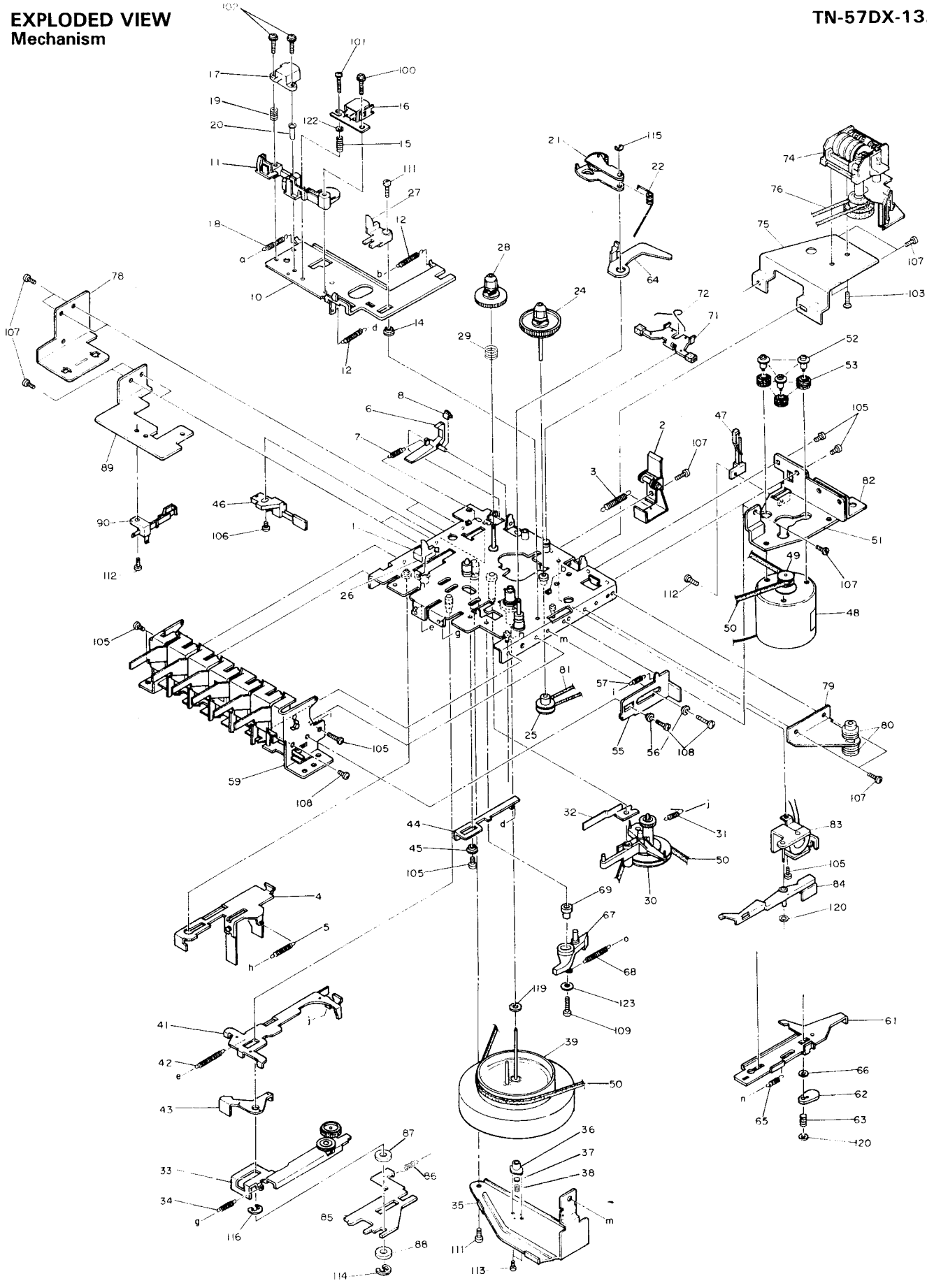
	1	2	3	4	5	6	7	8	9	1	11	12	13	14	15	16	Condition
IC101 AN 7311	1.3	0.8	4.1	5.1	0	16.6	4.1	0.8	1.3								
IC102 NE646B	7.8	7.9	8.4	7.8	7.7	7.9	7.0	—	—	7.8	8.0	7.8	—	7.8	7.6	15.2	Dolby NR OFF
IC601 AN 7311	1.2	0.6	1.8	4.2	0	4.9	1.8	0.6	1.2								
IC801 LB1416	—	—	—	2.7	2.7	1.6	—	14.6 13.8	0 2.4	← 2.4	← 3.1	← 3.1	← 3.1	← 0~7.0			LED OFF ON
IC802 LB1416	0.3	—	—	1.2	2.7	—	—	14.7 14.1	0 2.4	← ←	← ←	← ←	← ←	← 0~7.0			LED OFF ON

LEAD CONNECTION



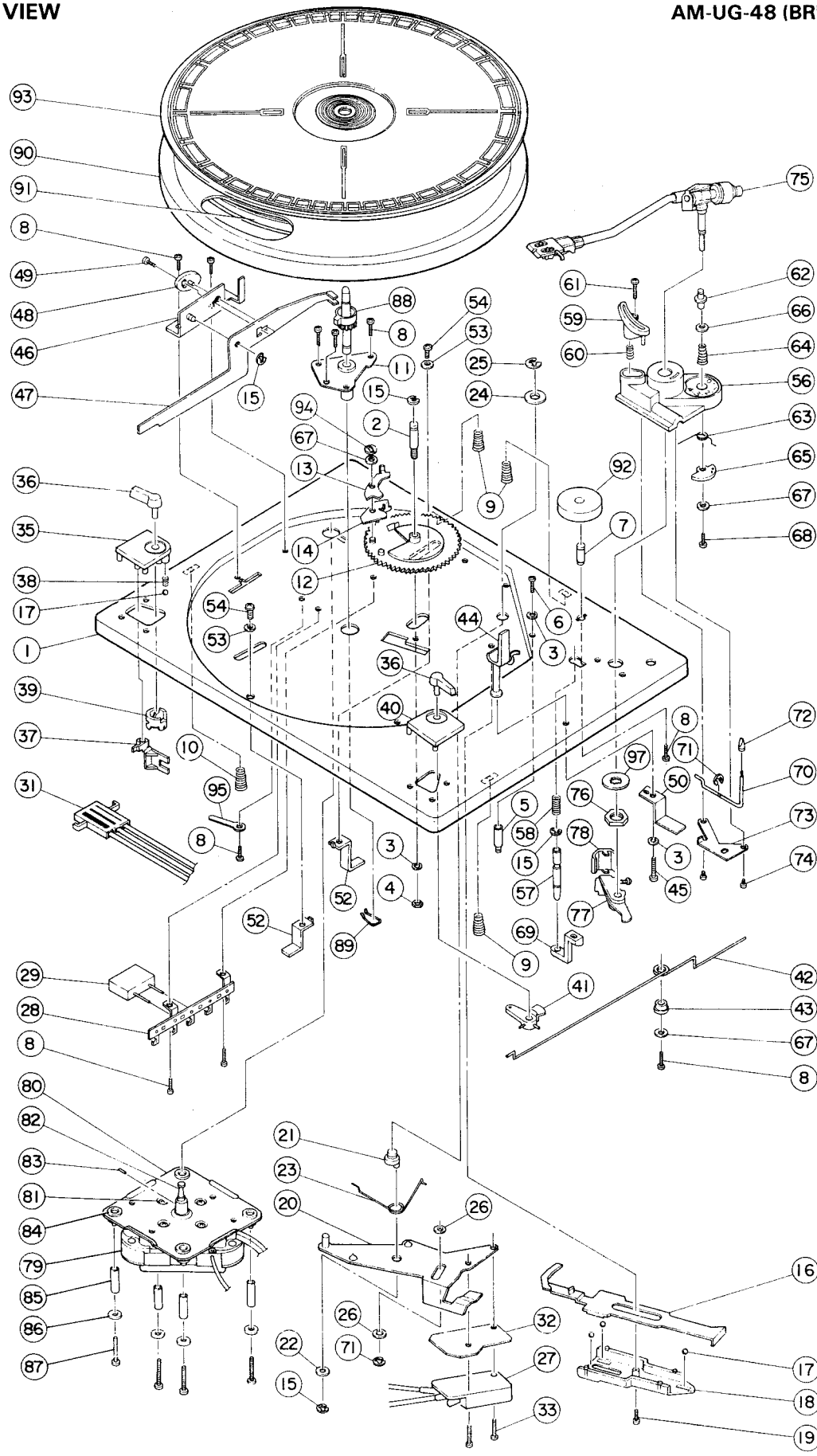
EXPLODED VIEW
Mechanism

TN-57DX-132



EXPLODED VIEW
Player

AM-UG-48 (BRU-157-Q61)



MAIN COMPONENT PARTS

Parts with "X" in the remarks cannot be supplied.

Ref. No.	Stock No.	Description		Q'ty	Remarks
1	9266013	Top Cabinet Ass'y		1	X
2	9266014	Bottom Plate Ass'y		1	
3	9266020	Escutcheon Ass'y		1	
4	9266071	Dial Pointer Ass'y		1	
5	9266072	Cassette Holder Ass'y		1	
6	9266086	Hinge Ass'y		1	
7	9266087	Instruction Book Ass'y		1	
8	9266089	Bottom Cabinet Ass'y		1	X
9	9266990	Carton Box Ass'y		1	
10	1215058	Dial Knob	R79069-011 (I)	1	
11	1225149	Knob-1	R79069-012 (I)	5	
12	1225151	Knob-2	R79069-013 (RO)	2	
13	1475546	Name Label	R79143-001 (I)	1	
14	1475526	Label-1	R79069-042 (I)	1	SP,OSC,1,2,3
15	1475527	Label-2	R79069-043 (I)	1	
16	1485371	Dial Scale	R79069-010 (I)	1	
17	2455168	Collar	R79069-052	2	Phono Amp
18	2835879	Dust Cover Unit	R79069-00500 (I)	1	
19	3825821	Dial Scale Retainer	R7553-064	2	
20	7550048	Record Player	AM-UG-48	1	
21	7740418	Connector (3P)	AM-ZE-418	1	
22	4491506	Polyethylene Bag E	ZPB-E 06	1	Unit
30	3111206	PH Screw	2.6×6 S/Z	1	
31	3300024	PHT Screw	A4×60 S/Z	7	Bottom Cabinet
32	3311195	WFT Screw	A3×12 S/Z	1	Dial Scale
33	3311202	WFT Screw	A4×14 S/Z	2	Record Player
34	3311209	WFT Screw	A3×14 S/Z	7	Escutcheon, Bottom Plate
35	3311210	WFT Screw	B3×16 S/Z	2	
36	3711082	Washer	4×15×0.8 S/Z	2	

1. TOP CABINET ASS'Y

Ref. No.	Stock No.	Description		Q'ty	Remarks
1-1	9266080	Damper Ass'y		1	
1-2	1265096	Reset Buttom	R79069-018 (I)	1	(Gray)
*		*		1	(Black)
1-3	1265068	Top Cabinet	R79069-001 (I)	1	(Silver)
*		*		1	(Metallic Brown)
1-4	1715566	LED Meter Cover		1	
1-5	2295468	Reset Button Bracket	R7644-030	1	
1-6	2655104	Rubber Cushion	R7574-032	2	Dust Cover
1-7	2835885	Lock Platte Unit	R79069-04600 (I)	1	
1-8	3825934	Spring	R79069-033	1	Damper
1-9	4165025	Reflection Paper	R7057-33404	1	Orange
1-20	3121205	FCH Screw	2.6×5 S/Z	1	Lock Plate
1-21	3311200	WFT Screw	A3×10 S/Z	3	

1-1 DAMPER ASS'Y

Ref. No.	Stock No.	Description		Q'ty	Remarks
1-1-1	2165239	Damper Holder	R79069-022 (I)	1	
1-1-2	2295557	Damper Retainer	R79069-032	1	
1-1-3	2345619	Damper	R79069-021 (I)	1	
1-1-4	3740017	CS Ring	P4	1	

3. ESCUTCHEON ASS'Y

Ref. No.	Stock No.	Description		Q'ty	Remarks
3-1	1345144	Escutcheon	R79069-003 (I)	1	(Silver)
*		*		1	(Metallic Brown)
3-2	1715565	Dial Scale Cover	R79069-006 (I)	1	

4. DIAL POINTER ASS'Y

Ref. No.	Stock No.	Description		Q'ty	Remarks
4-1	2295513	Carrier	R78155-017	1	
4-2	2315174	Dial Pointer	R79069-025 (I)	1	

5. CASSETTE HOLDER ASS'Y

Ref. No.	Stock No.	Description		Q'ty	Remarks
5-1	1445185	Holder Plate	R79069-023 (I)	1	(Silver)
*		*		1	(Metallic Brown)
5-2	2165238	Cassette Holder	R79069-009 (I)	1	
5-3	3825825	Spring	R7579-032	2	

6. HINGE ASS'Y

Ref. No.	Stock No.	Description		Q'ty	Remarks
6-1	1763011	Hinge	K-HG-005A	2	Dust Cover
6-2	4491101	Polyethylene Bag	A-01	1	100×100×0.04

7. INSTRUCTION BOOK ASS'Y

Ref. No.	Stock No.	Description		Q'ty	Remarks
7-1	1245260	Tuning Rod	R7753-030	1	Preset
7-2	4215886	Instruction Book	R-754A	1	
7-3	4491108	Polyethylene Bag	A-08	1	200×300×0.04

8. BOTTOM CABINET ASS'Y

Ref. No.	Stock No.	Description		Q'ty	Remarks
8-1	9266030	Mechanism Ass'y		1	
8-2	9266031	Chassis Ass'y		1	
8-3	9266044	Power Amp. Ass'y		1	
8-4	9266053	Power Supply Board Ass'y		1	
8-5	9266074	Antenna Board Ass'y		1	
8-6	9266081	P.C. Boards Ass'y		1	
8-7	7460774	Slide Switch	AM-S-774	1	(Beat Switch) 9266078
8-8	1245340	Push Button-2	R79069-016 (I)	10	
8-9	1615354	Bottom Cabinet	R79069-002 (I)	1	
8-10	1715452	Shield Cover-2	R7752-065	1	
8-11	2165078	Cord Holder	R7185-005	1	
8-12	2165117	Cord Holder-2	R7574-022	1	
8-13	2185232	Cord Cramp	R7707-140		
8-14	2335322	Shield Plate-2	R79069-045	1	
8-15	2335340	Shield Plate-7	R79069-055	1	
8-16	7150100	Fuse 250V 630mA T S	AM-D-100	1	F502
8-17	7150112	Fuse 250V 800mA T S	AM-D-112	1	F501
8-18	7150115	Fuse 250V 3.15A T S	AM-D-115	4	F301, 401, 503, 504
8-19	7530817	Power Transformer	AM-TS-817	1	(220V)
8-20	7660202	AC Cord	AM-YS-202	1	
8-21	7710315	Flexible Cord	AM-Z-315	1	

Ref. No.	Stock No.	Description		Q'ty	Remarks
8-30	3111206	PH Screw	2.6×6 S/Z	2	Beat Switch
8-31	3111308	PH Screw	3×8 S/Z	2	
8-32	3111314	PH Screw	3×14 S/CM	2	
8-33	3111182	PHT Screw	A3×10 S/Z	4	SP Board, Ant. Board
8-34	3111184	PHT Screw	A3×16 S/Z	2	Cord Holder
8-35	3111195	WFT Screw	A3×12 S/Z	26	
8-36	3111202	WFT Screw	A4×14 S/Z	6	Power Transformer, Player
8-37	3615068	PHDT Screw	3×6 S/Z	2	
8-38	3630072	Washer	4×15×1	8	
8-39	3635156	Washer	R75121-065	1	

8-1. MECHANISM ASS'Y

Ref. No.	Stock No.	Description		Q'ty	Remarks
8-1-1	2835884	Mechanism Unit	R79069-30000	1	
8-1-2	1255241	Push Buttom	R79069-017 (I)	6	
8-1-3	8797203	Ceramic 0.002μF 50V Z		1	C515

8-1-1. MECHANISM UNIT

TN-57DX-132

Ref. No.	Stock No.	Description		Q'ty	Remarks
1		Chassis Ass'y	1260-01-81	1	
2		Pack Spring Ass'y	1463-01-91	1	
3		Spring	58-03-01	1	
4		Record Slide Lever Ass'y	1361-02-91	1	
5		Spring	1131-03-05	1	
6	0002345	Record Safety Lever	910-03-01	1	
7	0002346	Spring	1260-02-02	1	
8	0002020	Record Safety Lever Stopper	268-05-15	1	
10	0002206	Head Panel	1260-03-01	1	
11		Head Block	1307-03-03	1	
12	0002340	Spring	1260-03-02	1	
13		Spring	1349-03-01	1	
14	0001848	Collar	408-04-11	1	
15		RPH Spring	1560-03-05	1	
16	7190222	Rec/Play Head	AM-H-222	1	
17	7190220	Erase Head	AM-H-220	1	
18	0002341	Head Panel Spring-L	1260-03-03	1	
19		Spring	48-04-08	1	
20		Collar	13-04-02	1	
21	0002207	Pinch Roller Ass'y	1303-04-91	1	
22	0002208	Pinch Roller Spring	1276-04-01	1	
24		Take-up Reel Ass'y	1260-05-91	1	
25	0002348	Drive Pulley	16-15-04	1	
26		Cassette Guide (L)	1507-10-01	1	
27		Cassette Guide (R)	1507-10-02	1	
28		Supply Reel Ass'y	1260-06-91	1	
29		Spring	1291-06-01	1	
30		RF Clutch Ass'y	1202-07-91	1	
31	0002217	Clutch Spring	1200-07-09	1	
32	0002351	REW Spring Plate	1202-10-01	1	
33	0002352	FF Idler Arm Ass'y	1303-08-91	1	
34	0002353	FF Idler Arm Spring	18-03-09	1	
35		Flywheel Holder	1303-09-01	1	
36		Bearing Holder	1303-09-02	1	
37		Bearing	1303-09-03	1	
38		Spring	174-03-40	1	
39		Flywheel Capstan	1303-09-11	1	
41	0002232	Main Plate	1200-10-01	1	
42		Main Plate Spring	58-02-06	1	
43	0002233	Rewind Arm	1200-10-02	1	
44	0002355	Play Slide Lever	1260-10-03	1	
45	0001583	Play Slide Lever Collar	09-03-02	1	
46		Leaf Switch	MSW-0038N	1	
47		Pause Switch	MSW-148OT	1	
48	7330190	Motor	AM-MO-190	1	12V 2400 rpm CCW
49		Motor Pulley	973-12-02M	1	
50	0002357	Main Belt	1260-12-02	1	

Ref. No.	Stock No.	Description		Q'ty	Remarks
51	0002358	Motor Bracket	1260-12-01	1	
52	0002226	Collar Screw (S)	1200-12-01	3	
53	0001843	Motor Rubber	588-09-10	3	
55		Eject Slide Lever	1597-13-01	1	
56	0002532	Slide Lever Collar		2	
57	0002210	Slide Lever Spring	268-12-01	1	
59		Push Button Ass'y	1361-14-91	1	
61	0002361	Pause Slide Lever	1260-17-01	1	
62	0002239	Pause Lever	1222-17-02	1	
63	0002240	Pause Lever Spring	1222-17-03	1	
64	0002241	Arm Lever	1222-17-05	1	
65	0002362	Spring	1260-17-02	1	
66		Collar	1260-17-03	1	
67	0002363	Auto Stop Lever	1260-11-01	1	
68	0001537	Auto Lever Spring	132-03-03	1	
69	0002364	Auto Lever Collar	1260-11-02	1	
71	0002365	Brake Arm Ass'y	1260-19-91	1	
72	0002366	Brake Arm Spring	1260-19-02	1	
74	7310191	Counter	AM-M-191	1	
75		Counter Bracket	1597-18-01	1	
76		Counter Blet	297-13-01	1	
78		Rec Bracket	1597-02-01	1	
79		Counter Pulley Arm	1597-18-02	1	
80		Drive Pulley	1307-05-01	2	
81		Drive Belt	1339-15-01	1	
82		Bracket		1	
83		Plunger Ass'y	1276-20-05	1	
84		Kick Lever	1276-20-82	1	
85		Memory Switch Actuator	1401-21-01	1	
86		Spring	18-05-02B	1	
87		Collar	1333-21-06	1	
88		Collar	1333-21-04	1	
89		Switch Bracket	1333-21-01	1	
90		Memory Switch	MSW-1400T	1	
100	0002249	Cap Screw	2×11	1	
101	0002250	Pan Head Screw	2×11	1	
102	0002251	Cap Screw	2×12	2	
103		Flat Countersunk Head Screw	3×5	2	
104		Tapping Screw	2×8	1	
105	0002253	Tapping Screw	2.6×5	5	
106	0002254	Bind Tapping Screw	2.6×5	2	
107	0002252	Tapping Screw	2.6×4	11	
108	0002256	Tapping Screw	2.6×8	2	
109		Tapping Screw	2.6×10	1	
110		Pan Head Screw	2.6×12	1	
111	0002256	Tapping Screw	2.6×8	1	
112		SEMS Screw	2×5	2	
113		Tapping Screw	2×4	2	
114		"E" Ring 2.3ϕ		1	
115	3721004	"E" Ring 2.5ϕ		1	
116	3721006	"E" Ring 4.0ϕ		1	
119	0002083	Nylon Washer	408-11-20	1	2.2×7×0.5
120	0002248	Nylon Washer	03-15-03	1	1.8×5×0.5
122	3711001	Washer	2.3×4.3×0.4	1	

8-2. CHASSIS ASS'Y

Ref. No.	Stock No.	Description		Q'ty	Remarks
8-2-1	9266041	Main Ass'y		1	
8-2-2	9266073	Dial Cord Ass'y		1	
8-2-3	9266075	Power Switch Ass'y		1	
8-2-4	9266083	Pulley Bracket-2 Ass'y		1	
8-2-5	9266084	Pulley Bracket-3 Ass'y		1	
8-2-6	2115174	Chassis	R79069-004 (I)	1	
8-2-7	2345617	Earth Plate-1	R79069-030	1	
8-2-8	2365508	Pulley Bracket-4	R79069-029	1	
8-2-9	2415133	Dial Shaft	R79069-038	1	
8-2-10	2485130	Dial Pulley	R79069-019	1	
8-2-20	3111306	PH Screw	3×6 S/Z	2	Power Switch
8-2-21	3111314	PH Screw	3×14 S/Z	2	Preset Switch
8-2-22	3111195	WFT Screw	A3×12 S/Z	5	
8-2-23	3618031	PW Screw	2.6×6 S/Z	1	Dial Pulley

8-2-1. MAIN ASS'Y

Ref. No.	Stock No.	Description		Q'ty	Remarks
8-2-1-1	9266040	Main Chassis Ass'y		1	TP Ass'y 9266058
8-2-1-2	9266060	LED Signal Board Ass'y		1	
8-2-1-3	9266082	Pulley Bracket-1 Ass'y		1	
8-2-1-4	2415128	Pulley Shaft	R78155-031	1	
8-2-1-5	2444007	Pulley	P262-204A	1	
	3100253	WF Screw	3×8 S/Z	1	Pulley Bracket-1
	3510023	Nut	3 S/Z	2	Pulley Bracket-1, Pulley Shaft
	3711056	Washer	3 S/Z	1	Pulley Shaft

8-2-1-1. MAIN CHASSIS ASS'Y

Ref. No.	Stock No.	Description		Q'ty	Remarks
	7121564	P.C. Board	AM-B-1564		
	7200087	IC	BA 1320	1	IC 1
	7200107	IC	NE 646 B	2	IC 102, 202
	7200108	IC	AN 7311	1	IC 101
	8110107	Transistor (FET)	2SK 168 D	1	Q1
	8113059	Transistor	2SC 460 B	7	Q4, 5, 6, 7, 8, 9, 10
	8113066	Transistor	2SC 535 B	1	Q2
	8113175	Transistor	2SC 1342 B	1	Q3
	8113323	Transistor	2SC 1312 G	12	Q102, 103, 104, 105, 111, 112, 202, 203, 204, 205, 211, 212
	8113328	Transistor	2SC 711 G	12	Q101, 106, 107, 108, 109, 110, 201, 206, 207, 208, 209, 210
	8120267	Diode (Varicap)	ITT-410 AB	1	D3
	8120313	Diode (Zener)	HZ 12LC-1	1	D16 (12V, Low Noise)
	8120314	Diode (Zener)	HZ 27L-2	1	D5 (27V, Low Noise)
	8121014	Diode	1N60	5	D8, 9, 10, 12, 13
	8122047	Diode (Varicap)	1SV55	3	D1, 2, 4
	8131019	Varistor	1S1588	4	D6, 7, 17, 18
	7230556	Antenna Coil	AM-LA-556	1	L1
	7230606	Bar Antenna Coil	AM-LA-606	1	L8, 9 (MW,LW)
	7250657	IFT	AM-LI-657	1	IFT1 (FM)
	7250658	IFT	AM-LI-658	1	IFT4 (FM)
	7250659	IFT	AM-LI-659	1	IFT5 (FM)
	7250660	IFT	AM-LI-660	2	IFT2, 3 (AM)
	7250661	IFT	AM-LI-661	1	IFT6 (AM)
	7270512	OSC Coil	AM-LO-512	1	L4 (FM)
	7270513	OSC Coil	AM-LO-513	1	L6 (MW)
	7270514	OSC Coil	AM-LO-514	1	L5 (LW)
	7290026	Choke Coil	AM-LS-26	1	L3
	7290507	Tuning Coil	AM-LS-507	1	L2
	7290525	Choke Coil	AM-LS-525	2	L10, 11
	7290527	Choke Coil (5.6mH)	AM-LS-527	2	L102, 202

Ref. No.	Stock No.	Description		Q'ty	Remarks
	7460775	Slide Switch	AM-S-775	1	S101
	7460844	Slide Rotary Switch	AM-S-844	1	S3A~J
	7460845	Push Switch	AM-S-845	1	S2A~J
	7560272	Trimmer Condenser	AM-VC-272	2	TC4, 6
	7560305	Trimmer Condenser	AM-VC-305	2	TC1, 2
	7560306	Trimmer Condenser	AM-VC-306	1	TC3
	7560307	Variable Condenser W/VR	AM-VC-308	1	VC
	7580947	Volume 100K-B×2	AM-VR-947	1	VR105, 205
	7580948	Volume 100K-K×2	AM-VR-948	1	VR106, 206
	7580949	Volume 200K-A×2	AM-VR-949	1	VR107, 207
	7580950	Volume 100K-W	AM-VR-950	1	VR104
	7580952	Fine Volume	AM-VR-952	4	VR2~5 (Preset)
	7610073	Dolby NR Filter	AM-W-73	2	L101, 201
	7640089	Ceramic Filter	AM-X-89	1	CF1
	7710262	Shield Case	AM-Z-262	1	
	7740393	3 P Wire Mate	AM-ZE-393	3	J104, 106, 107
	7740394	4 P Wire Mate	AM-ZE-394	4	J10, 101, 102, 105
	7740395	5 P Wire Mate	AM-ZE-395	1	J103
8b-1	2335315	Shield Plate-1	R79069-034	1	
8b-6	2335327	Shield Plate-6	R79069-053	1	
	7450091	Metal Film Resistor	560Ω 1W J	1	R99
	7450213	Metal Film Resistor	390Ω 2W J	1	R122
	7450245	Metal Film Resistor	1kΩ 1W	3	R18, 157, 164
	7450248	Metal Film Resistor	150Ω 1W J	1	R100
	7450234	Fuse Resistor	100Ω 1/4W	1	R139
	8914103	Semi-fixed Resistor	10K-B	6	VR6, 9, 101, 201, 102, 202
	8914202	Semi-fixed Resistor	2K-B	3	VR7, 8, 10
	5511010	Ceramic 1pF	50V C SL	1	C12
	5511020	Ceramic 2pF	50V C SL	2	C191, 291
	5511030	Ceramic 3pF	50V C SL	2	C9, 71
	5512050	Ceramic 5pF	50V D SL	2	C10, 44
	5512060	Ceramic 6pF	50V D SL	1	C1
	5512100	Ceramic 10pF	50V D SL	2	C7, 37
	5584101	Ceramic 100pF	50V J RH	1	C19
	5584330	Ceramic 33pF	50V J RH	1	C21
	5592060	Ceramic 6pF	50V D TH	1	C18
	5592070	Ceramic 7pF	50V D TH	1	C17
	5592100	Ceramic 10pF	50V D TH	2	C20, 22
	8600002	Styrol 4700pF	50V G	2	C121, 221
	8600008	Styrol 5600pF	50V G	2	C123, 223
	8663009	Styrol 150pF	50V J	1	C35
	8663022	Styrol 350pF	50V J	1	C39
	8663028	Styrol 470pF	50V J	3	C85, 104, 204

8-2-1-2. LED SIGNAL BOARD ASS'Y

Ref. No.	Stock No.	Description		Q'ty	Remarks
	7121564	P.C. Board	AM-B-1564	1	
	8110074	IC	LB 1416	1	IC2
	8120293	LED (1P. Red)	LN 217 RP	1	D15 (FM Stereo)
	8120319	LED (5P. Red)	LN 0502 P	1	D14 (FM Frequency)
8b-4	2335324	Shield Plate-4	R79069-049	1	
8b-5	2335325	Shield Plate-5	R79069-050	1	

8-2-1-3. PULLEY BRACKET-1 ASS'Y

Ref. No.	Stock No.	Description		Q'ty	Remarks
	2365509	Pulley Bracket-1	R79069-020	1	
	2444007	Pulley	P262-204A	2	
	3630087	Washer	PSW 2.8×7×0.5	2	

8-2-2. DIAL CORD ASS'Y

Ref. No.	Stock No.	Description		Q'ty	Remarks
8-2-2-1	3790002	Grommet	2×3 B/NI	1	
8-2-2-2	3815092	Spring	R77124-045A	1	
8-2-2-3	5110160	Dial Cord	0.3mm×1490mm	1	

8-2-3. POWER SWITCH ASS'Y

Ref. No.	Stock No.			Q'ty	Remarks
8-2-3-1	1245338	Push Button	R79069-015 (I)	1	
8-2-3-2	1715573	Power Switch Cover	R79069-044 (I)	1	
8-2-3-3	7460839	Power Switch	AM-S-839	1	

8-2-4. PULLEY BRACKET-2 ASS'Y

Ref. No.	Stock No.	Description		Q'ty	Remarks
8-2-4-1	2165152	Lamp Holder-1	R75740-30B	1	
8-2-4-2	2365506	Pulley Bracket-2	R79069-027	1	
8-2-4-3	7440369	Lamp 15V-100mA	EQL-Z-069	1	Lamp 501

8-2-5. PULLEY BRACKET-3 ASS'Y

Ref. No.	Stock No.	Description		Q'ty	Remarks
8-2-5-1	2165152	Lamp Holder-1	R7574-030B	1	
8-2-5-2	2365507	Pulley Bracket-3	R79069-028	1	
8-2-5-3	7440369	Lamp 15V-100mA	EQL-Z-069	1	Lamp 502

8-3. POWER AMP. ASS'Y

Ref. No.	Stock No.	Description		Q'ty	Remarks
8-3-1	9266052	Power Amp. P.C. Board Ass'y		1	TP Ass'y 9266057
8-3-2	9266061	Phono Amp. P.C. Board Ass'y		1	
8-3-3	9266062	Auto-Stop P.C. Board Ass'y		1	
8-3-4	9266077	Heat Sink Ass'y		1	
8-3-5	2295563	Transistor Retainer	R79069-048	2	Q307, 407
8-3-6	2335341	Heat Sink-3	R79069-056	1	
	3100185	WF Screw	3×6 S/Z	2	Q307, 407
	3111310	PH Screw	3×10 S/Z	1	Q501
	3510023	Nut	3 S/Z	1	Q501

8-3-1. POWER AMP P.C. BOARD ASS'Y

Ref. No.	Stock No.	Description		Q'ty	Remarks
8-3-1-1		P.C. Board	AM-B-1582	1	
	8111293	Transistor	2SA921	4	Q303, 304, 403, 404
	8111295	Transistor	2SA777	2	Q310, 410
	8113133	Transistor	2SC828	2	Q307, 407
	8113327	Transistor	2SC711	4	Q301, 302, 401, 402
	8113417	Trasnsitor	2SC1318	4	Q305, 306, 405, 406
	8113419	Transistor	2SC1509	2	Q308, 408
	8113423	Transistor	2SD880	1	Q501
	8120236	Diode	30D1-KE	4	D504, 505, 506, 507
	8120320	Diode (Zener)	MA1180	2	D301, 401
	8120338	Diode (Zener)	HZ30L-3	1	D501 (30V)
	7910364	Rectifire	RB-151	2	D502, 503
	7740391	1P Snap Mate	AM-ZE-391	1	J501'
	7740393	3P Snap Mate	AM-ZE-393	1	J107'
	7740394	4P Snap Mate	AM-ZE-394	1	J10'
	7740395	5P Snap Mate	AM-ZE-395	1	J803'
	7150087	Fuse Holder	AM-D-87	12	

Ref. No.	Stock No.	Description		Q'ty	Remarks
	8914102	Semifixed Resistor	1K-B	2	VR301, 401
	7450149	Fuse Resistor	6.8Ω 1/4W J SR	6	R324, 325, 424, 425 320, 420
	7450214	Fuse Resistor	47Ω 1/4W J SR	2	R321, 421
	7450215	Fuse Resistor	220Ω 1/4W JR SR	2	R310, 410
	7450221	Fuse Resistor	150Ω 1/W J SR	4	R316, 317, 416, 417
	7450182	Metal Film	1.5kΩ 2W J	2	R505, 506
	7450244	Metal Film	22Ω 2W J	1	R503
	7450264	Resistor Alley	0.47Ω×2 5W	2	R318, 418
	7140193	Electrolytic	0.47μF 25V M	2	C302, 402
	7140218	Electrolytic	6800μF 35V	2	C508, 509
	8400227	Electrolytic	100μF 35V M	1	C502
	8400290	Electrolytic	330μF 35V M	2	C307, 407, 310, 410
	8400316	Electrolytic	220μF 35V M	1	C501
	8451103	Electrolytic	1000μF 25V M	1	C507
	8461102	Electrolytic	100μF 50V	2	C504, 503
	8461223	Electrolytic	2200μF 50V	1	C505

8-3-2. PHONO AMP P.C. BOARD ASS'Y

Ref. No.	Stock No.	Description		Q'ty	Remarks
8-3-2-1	7121582	P.C. Board	AM-B-1582	1	
	7200108	IC	AN-7311	1	IC 601
	7740394	4P Snap Mate	AM-ZE-394	1	J105'
	7740401	Connector (Housing)	AM-ZE-401	1	J601

8-3-3. AUTO STOP P.C. BOARD ASS'Y

Ref. No.	Stock No.	Description		Q'ty	Remarks
8-3-3-1	7121582	P.C. Board	AM-B-1582	1	
	8113328	Transistor	2SC711	2	Q502, 503
	8114073	Transistor	2SD361	1	Q504
	8120205	Diode	10E 1	1	D508, 509, 510, 511

8-3-4. HEAT SINK ASS'Y

Ref. No.	Stock No.	Description		Q'ty	Remarks
8-3-4-1	2295556	Heat Sink Bracket	T79069-026	2	
8-3-4-2	2335319	Heat Sink	R79069-039	1	
8-3-4-3	8111294	Transistor	2SA1061	2	Q311, 411
8-3-4-4	8113418	Transistor	2SC2485	2	Q309, 409
	3100185	WF Screw	3×6 S/Z	8	Power IC, Heat Sink Bracket

8-4. POWER SUPPLY BOARD ASS'Y

Ref. No.	Stock No.	Description		Q'ty	Remarks
8-4-1	7121387	P.C. Board	AM-B-1387	1	
	7740206	Wire Tip	AM-ZE-206	6	
	7740345	Terminal	AM-ZE-345	2	

8-5. ANTENNA BOARD ASS'Y

Ref. No.	Stock No.	Description		Q'ty	Remarks
8-5-1	7460242	Slide Switch		1	
8-5-2	7710313	Antenna Terminal Board	AM-Z-313	1	

8-6. P.C. BOARD ASS'Y

Ref. No.	Stock No.	Description		Q'ty	Remarks
8-6-1	9266055	Switch Board Ass'y		1	X
8-6-2	9266063	Meter Amp. Ass'y		1	X
8-6-3	9266064	LED P.C. Board Ass'y		1	X
8-6-4	9266065	Rec. VR P.C. Board Ass'y		1	
8-6-5	9266066	Headphone P.C. Board Ass'y		1	
8-6-6	9266067	Mic Jack P.C. Board Ass'y		1	
8-6-7	1385133	LED Frame	R79069-008 (I)	1	
8-6-8	1445186	LED Plate	R79069-024 (I)	1	
8-6-9	7710297	SP Terminal	AM-Z-297	1	
	3311195	WFT Screw A3×12 S/Z		2	LED P.C. Board

8-6.1. SWITCH BOARD ASS'Y

Ref. No.	Stock No.	Description		Q'ty	Remarks
8-6-1-1	7121581	P.C. Board	AM-B-1581	1	
8-6-1-2	7460846	Push Switch	AM-S-846	1	S901~905
	7740392	2P Snap Mate	AM-ZE-392	1	J901
	7740397	3P Wire Mate	AM-ZE-397	1	J104', 106'
	7740398	4P Wire Mate	AM-ZE-398	1	J101', 102'
	7740400	6P Wire Mate	AM-ZE-400	1	J801'

8-6-2. METER AMP. ASS'Y

Ref. No.	Stock No.	Description		Q'ty	Remarks
8-6-2-1	7121581	P.C. Board	AM-B-1581	1	
	8110074	IC	LB1416	4	IC801, 802, 803, 804
	8113328	Transistor	2SC711	4	Q803, 804, 805, 806
	8114073	Transistor	2SD361	2	Q801, 802
8b-3	2335316	Shield Plate-3	R79069-035	1	
	7270522	Bias OSC Coil	AM-LO-522	1	L801
	7740395	5P Snap Mate	AM-ZE-395	2	J103', 803
	7740396	6P Snap Mate	AM-ZE-396	1	J801
	7450074	Metal Film Resistor	220Ω 1W J	2	R807, 808
	7450180	Metal Film Resistor	10Ω 1W J	1	R806
	7450247	Metal Film Resistor	22Ω 1W J	1	R856
	7450214	Fuse Resistor	47Ω 1/4W J	1	R822
	7450238	Fuse Resistor	82Ω 1/2W J	1	R809
	8914104	Semi-fixed Resistor	100K-B	2	VR801, 802
	8914202	Semi-fixed Resistor	2K-B	2	VR803, 804
	8400227	Electrolytic	100μF 35V M	1	C814
	8451222	Electrolytic	220μF 25V M	1	C809
	8683011	Styrol	390pF 125V J	1	C804
	8683012	Styrol	680pF 125V J	1	C805
	8683025	Styrol	2700pF 125V J	1	C803

8-6-3. LED P.C. BOARD ASS'Y

Ref. No.	Stock No.	Description		Q'ty	Remarks
8-6-3-1	7121581	P.C. Board	AM-B-1581	1	
	8120293	LED	LN217RP (Red)	1	D803 (Rec)
	8120315	LED (7P)	LN07302P (Green)	2	D804, 806 (Level)
	8120316	LED (3P)	LN03202P (Red)	2	D805, 807 (Level)
	8120317	LED	LN317GP (Green)	2	D801, 802 (Metal, Dolby NR)
	8131019	Varistor	1S1588	4	D808, 809, 810, 811

8-6-4. REC VR P.C. BOARD ASS'Y

Ref. No.	Stock No.	Description		Q'ty	Remarks
8-6-4-1	7121581	P.C. Board	AM-B-1581	1	
8-6-4-2	2345618	Earth Plate-2	R79069-031	1	
	7580951	Volume	AM-VR-951	2	VR 103, 203

8-6-5. HEADPHONE P.C. BOARD ASS'Y

Ref. No.	Stock No.	Description		Q'ty	Remarks
	7121581	P.C. Board	AM-B-1581	1	
	7210130	Headphone Jack	AM-J-130	1	
	8333222	Carbon Resistor	220Ω 1/2W J	2	R323, 423

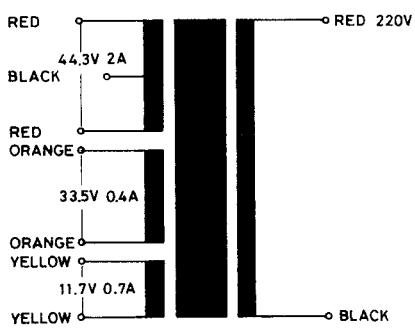
8-6-6. MIC JACK P.C. BOARD ASS'Y

Ref. No.	Stock No.	Description		Q'ty	Remarks
	7121581	P.C. Board	AM-B-1581	1	
	7210134	Mic Jack	AM-J-134	2	J 1, 2

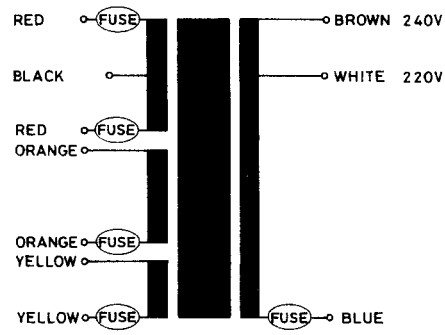
9. CARTON BOX ASS'Y

Ref. No.	Stock No.	Description		Q'ty	Remarks
9-1	4416402	Carton Box	ZPK-A6402	1	
9-2	4426162	Cushion-1	ZPK-B6162	1	
9-3	4426163	Cushion-2	ZPK-B6163	1	
9-4	4446054	Protector Board	ZPK-D6054	1	

AM-TS-817 SHC-6300 L(E),(GE)

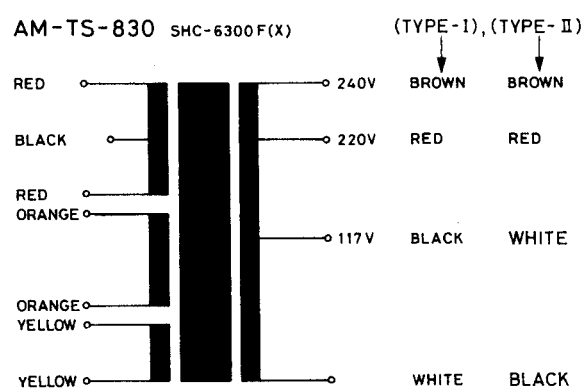


AM-TS-829 SHC-6300 L(UK)



Note: The parts not listed should be referred to the parts list for the standard model SHC-6300L (E).

Ref. No.	Stock No.	Description		Q'ty	Remarks
		—MAIN COMPONENT PARTS—			
3	9267020	Escutcheon Ass'y		1	(UK)
7	9267087	Instruction Book Ass'y		1	(UK)
8	9267089	Bottom Cabinet Ass'y		1	(UK)
9	9267090	Carton Box Ass'y		1	(UK)
	9266090	*		1	(GE)
13	1475547	Name Label	R79144-004 (I)	1	(UK)
	1475525	*	R79069-041 (I)	1	(GE)
14	1475550	Label-1	R79144-005 (I)	1	(UK)
16	1485377	Dial Scale	R79144-003 (I)	1	(UK)
18	2835887	Dust Cover Unit	R79144-00200 (I)	1	(UK)
21	4491454	Polyethylene Bag D	ZPB-D54	1	(UK)
3		—ESCUTCHEON ASS'Y—			
3-1	1345147	Escutcheon	R79144-001 (I)	1	(UK)
7		—INSTRUCTION BOOK ASS'Y—			
7-3	4491408	Polyethylene Bag D-08		1	(UK) 200×300×0.04 SF
8		—BOTTOM CABINET ASS'Y—			
8-19	7530829	Power Transformer	AM-TS-829	1	(UK) 240V
8-20	7660274	AC Cord	AM-YS-274	1	(UK)
9		—CARTON BOX ASS'Y—			
9-1	4416409	Carton Box	ZPK-A6409	1	(UK)
*	4416358	*	ZPK-A6358	1	(GE)



Note: The parts not listed should be referred to the parts list for the standard model SHC-6300L (E).

Ref. No.	Stock No.	Description		Q'ty	Remarks
		—MAIN COMPONENT PARTS—			
3	9267420	Escutcheon Ass'y		1	
7	9267487	Instruction Book Ass'y		1	
8	9267489	Bottom Cabinet Ass'y		1	
13	1475548	Name Label	R80001-003 (I)	1	
14	1475551	Label-1	R80001-004 (I)	1	
15	1475552	Label-2	R80001-005 (I)	1	
16	1485378	Dial Scale	R80001-002 (I)	1	
20	7550052	Record Player	AM-UG-52	1	
23	1445203	Plate	R80001-006	1	
3		—ESCUTCHEON ASS'Y—			
3-1	1345148	Escutcheon	R80001-001 (I)	1	
7		—INSTRUCTION BOOK ASS'Y—			
7-2	4215886	Instruction Book	R758A	1	
7-4	2835905	Pulley Unit	R80001-00700	1	(50 Hz)
8		—BOTTOM CABINET ASS'Y—			
8-2	9267431	Chassis Ass'y			
8-2-1	9267441	Main Ass'y			
8-2-1-1	9267440	Main Chassis Ass'y			
	7230607	Bar Antenna Coil	AM-LA-607	1	L8, 9 (MW,SW)
	7270515	OSC Coil	AM-LO-515	1	L5 (SW)
	7560271	Trimmer Condenser	AM-VC-271	1	TC4, 6
	5512100	Ceramic	10pF 50 V D	3	—,C41
	8664049	Styrol	5600pF 50 V K	1	C35
8-2-3		Power Switch Ass'y			
8-2-3-2		Not Used (Power Switch Cover)			
8-3		Power Amp Ass'y			
8-3-1	9267452	Power Amp P.C. Board Ass'y		1	TP Ass'y 9267457
	8113327	Transistor	2SC711	2	Q302, 402
	7450149	Fuse Resistor	6.8Ω 1/4 W J SR	4	R324, 325, 424, 425
	7450232	Fuse Resistor	10Ω 1 W	2	R320, 420
8-4	9265453	Power Supply Board Ass'y		1	
	7740206	Wire Tip	AM-ZE-206	7	
8-5	9267474	Antenna Board Ass'y		1	
8-5-1		Not Used (Slide Switch)			
8-5-2	7710307	Antenna Terminal Board	AM-Z-307	1	
8-6	9267481	P.C. Boards Ass'y			
8-6-1	9267455	Switch Board Ass'y			
	8794104	Ceramic	0.01μF 50 V K	3	C901, 902, 903
8-6-9	7710308	SP Terminal	AM-Z-308	1	
8-19	7530830	Power Transformer	AM-TS-830	1	117V/220V
8-20	7660260	AC Cord	AM-YS-261	1	
8-22	7460615	Slide Switch	AM-S-615	1	Voltage Selector

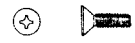
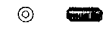
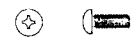
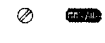
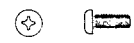
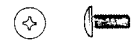
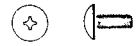
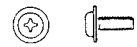
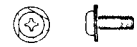
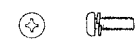
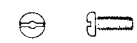
RECORD PLAYER MECHANISM (AM-UG-48)

BRU-157-Q61

Ref. No.	Stock No.	Description		Q'ty	Remarks
1		Table Base Ass'y	851408-2	1	(Silver)
*		*		1	(Black)
2		Reject Lever Shaft	890322	1	
3		Spring Washer		3	
4		Nut		1	
5		Guide Pin	896599	1	
6		Screw 3×8		1	
7		Adaptor Shaft	890675	1	
8		Screw 3×8		10	
9		Float Spring	890166-1	3	
10		Float Spring	890166-2	1	
11		Turntable Bearing Ass'y	700514-1	1	
12	0003168	Reject Gear Ass'y	895248	1	
13		Clutch Plate	894901	1	
14		Clutch Guide	894902	1	
15		"E" Ring 3ϕ		4	
16		Operation Plate	871184	1	
17		Steel Ball 3.9ϕ		4	
18		Operation Base	870932	1	
19		Screw 3×12		1	
20		Operation Plate Ass'y	895654-1	1	
21		Pin-2	895073	1	
22		Washer 5-10×0.2^t		1	
23		Spring-1	895251	1	
24		Adjustment Washer	896600	1	
25		"E" Ring 6ϕ		1	
26		Washer 3.2-10×0.5^t		2	
27	0003466	Micro Switch	895430	1	
28		Lug Terminal	894228	1	
29		Capacitor (Mylar 0.022μF)	899444-2	1	
30					
31		Connector Ass'y	899537	1	
32		Shield Sheet	893327	1	
33		Screw 2.6×16		2	
35		Speed Change Cover	893839-2	1	
36		Lever	894403-2	2	
37		Slide Arm	893841	1	
38		Spring	E-287680	1	
39		Cam	893846	1	
40		Reject Cover	893840-2	1	
41		Reject Arm	896603	1	
42		Reject Spring	896604	1	
43		Collar	700811	1	
44		P.U Arm Rest Ass'y	895514	1	
45		Screw 3×30		1	
46		Change Arm Base	893046	1	
47		Change Arm	870900-1	1	
48		Adjustor	893040	1	
49		Screw 3×6		1	
50		Stopper-3	893854-1	1	
52		Stopper-2	890197-3	2	
53		Washer 4-10×1^t		2	
54		Screw 4×10		2	
56		P.U Arm Base	851206-2	1	
57		Elevation Shaft	895671-4	1	
58		Elevation Spring	E-832780	1	
59		Elevation Plate	895672	1	
60		Spring	895021-1	1	
61		Screw 3×14		1	
62		Inside Force Cancelar Knob	895673	1	
63		Inside Force Cancelar Spring	895674	1	
64		Spring	895817	1	
65		Inside Force Cancelar Cam	895675	1	

Ref. No.	Stock No.	Description		Q'ty	Remarks
66		Packing	895841	1	
67		Washer 3.2-8×0.5^{t}		3	
68		Screw 3×6		1	
69		Cueing Arm	895676	1	
70		Cueing Lever	895677	1	
71		"E" Ring 2ϕ			
72		Lever Cap	893914	1	
73		Plate	895678	1	
74		Screw		2	
75*	0003467	P.U Arm Ass'y	852089	1	
76		Nut	890189	1	
77		Send Arm Ass'y-2	893583-3	1	
78		Send Arm Cover	894756	1	
79	0003473	Motor Ass'y		1	IM-S275-12C15
80		Motor Bracket	896147	1	
81		Screw 3×6		4	
82	003474	Pulley	703740-2A	1	50Hz
83		Set Screw 2.6×2			
84		Motor Rubber	702230	4	
85		Motor Collar	893659	4	
86		Washer 3.2-10×0.8^{t}		4	
87		Screw 3×20		4	
88	0003475	Turntable Shaft Ass'y	701205-1	1	
89		Stopper Pin	E-271110	1	
90	0003002	Turntable	620016	1	
91	0003066	Belt	700515 b	1	
92		EP Adaptor	890876	1	
93	0003012	Turntable Sheet	871187	1	
94		CS Ring 3ϕ		1	
95		Cord Cramp		1	
96					
97		Toothed Lock Washer		1	
75	0003467	P.U. Arm Ass'y	852089	1	
75A	0003468	Main Weight	852089A	1	
75B	0003469	Head Shell Ass'y	852089B	1	
75C	0003470	Head Shell	852089C	1	
75D	0003471	Stylus	852089D	1	
75E	0003472	Cartridge	852089E	1	

HARDWARE NOMENCLATURE

FH	(**F**lat Fillister **H**ead) Screw		**--T**	(--**T**apping) Screw A	
OH	(**O**val Fillister **H**ead) Screw		**--T**	(--**T**apping) Screw B	
FC	(**F**lat **C**ountersunk Head) Screw		**--DT**	(--**DT** Tapping) Screw	
OC	(**O**val **C**ountersunk Head) Screw		**HS**	(**H**exagon **S**ocket Head) Screw	
RH	(**R**ound **H**ead) Screw		**SS**	(**S**lotted **S**ocket Head) Screw	
PH	(**P**an **H**ead) Screw			E Ring	
BH	(**B**inding **H**ead) Screw			G Ring	
TH	(**T**russ **H**ead) Screw			Spring Washer	
WF	(**W**asher **F**aced Head) Screw			Washer (Poly-slider)	
PW	(**P**oly-**W**ave) Screw		**TL**	(**T**oothed **L**ock) Washer I	
--S	(--**S**EMS) Screw		**TL**	(**T**oothed **L**ock) Washer E	
--H	(--**H**IOS) Screw			Lock Washer	
--W	(--**W**ood) Screw			Lug Terminal	

EXAMPLE: WFT Screw $\overset{(D)}{A3} \times \overset{(L)}{10}$

YOUR COUNTRY

F (X)	**AFRICA** **CENTRAL, SOUTH (LATIN) AMERICA** **MIDDLE, NEAR EAST ASIA**
L (E)	**WESTERN EUROPE**
L (UK)	**THE UNITED KINGDOM**
L (GE)	**WEST GERMANY**